



Atlantic Richfield Company
(a BP affiliated company)



P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

December 16, 2005

Re: ARCO Service Station # 0716
699 San Antonio Road
Palo Alto, CA
Well Destruction Report

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple
Environmental Business Manager



December 16, 2005

Mr. Mamerto Jorvina
County of Santa Clara Department of Environmental Health
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716

Re: Well Destruction Report
ARCO Service Station #0716
699 San Antonio Road
Palo Alto, California
SCVWD ID No.: 06S2W17B02f

Dear Mr. Jorvina:

At the request of Remediation Management (RM - a BP affiliated company), URS Corporation (URS) has prepared this *Well Destruction Report* for the ARCO Service Station #0716 located at 699 San Antonio Road in Palo Alto, California (the Site, Figure 1). The scope of work consisted of destroying the remaining three on-Site groundwater monitoring wells (A-2, A-8, and A-9) and the remaining four on-Site air-sparge (AS) / vapor extraction (VE) wells (SP-1/V-1 and SP-2/V-2) for RM. Currently, no groundwater monitoring wells remain on-Site. Former well locations are shown on Figure 1.

SITE DESCRIPTION

The Site is located on the northeastern corner of the intersection of Meridian Avenue and Lenn Drive in San Jose, California. The Site is an active retail service station with a station building, three fuel dispenser islands, and three USTs. One on-Site monitoring well (MW-1) was abandoned during removal of the former underground storage tank (UST) complex on March 11, 1985. Four on-Site groundwater monitoring and extraction wells (A-3, A-7, E-1, and E-2) and four off-Site groundwater monitoring wells (A-4, A-5, A-6, and MW-9) were destroyed via pressure grout on September 15, 2004. Case closure for the Site was granted by the County of Santa Clara Department of Environmental Health (CSCDEH) on December 6, 2004.

Well Destruction Activities

URS personnel supervised a California licensed-driller during the destruction of groundwater monitoring wells A-2, A-8, and A-9 and clustered AS / VE wells SP-1/V-1 and SP-2/V-2 by pressure grouting and/or drilling out the well casing. Well destruction activity details are presented below:

Personnel Present: URS Geologists John McCain (California Professional Geologist No. 8020) and Kirk Martin.

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

Mr. Mamerto Jorvina
Page 2 of 2
December 16, 2005

Permits: Santa Clara Valley Water District (SCVWD) Permit # 05D00657 (A-2), 05D00658 (A-8), 05D00659 (A-9), 05D00661 (SP-1), 05D00727 (V-1), 05D00660 (SP-2), and 05D00728 (V-2).

Drilling Company: Gregg Drilling of Martinez, California (C-57 License # 485165).

Date of Destruction: November 7, 2005.

Number of Wells: Three groundwater monitoring wells (A-2, A-8, and A-9) and two AS / VE wells (SP-1/V-1 and SP-2/V-2).

Destruction Method: Wells A-2, A-8, A-9, and SP-1/V-1 were pressure grouted using a neat cement mixture. Wells SP-2/V-2 were drilled out. All wells were destroyed in accordance with SCVWD well destruction guidelines.


Destruction Notes: Four wells were pressure grouted from the bottom to the ground surface using a Tremie pipe applying approximately 25 pound per square inch of pressure for approximately five minutes each. Two wells were drilled out to total depth and the borehole was backfilled using a neat cement mixture. Copies of the Department of Water Resources (DWR) well completion reports are included in Attachment B.

Soil and Water Handling: The soil cuttings produced during the destruction activities were stored on-Site in 55-gallon drums for off-Site disposal at a state certified disposal facility.

We appreciate the opportunity to present this *Well Destruction Report* to the CSCDEH on behalf of RM and trust that this document meets with your approval. Please do not hesitate to contact us at (510) 893-3600 with any questions or comments.

Sincerely,

URS CORPORATION


John McCain, P.G.
Project Manager

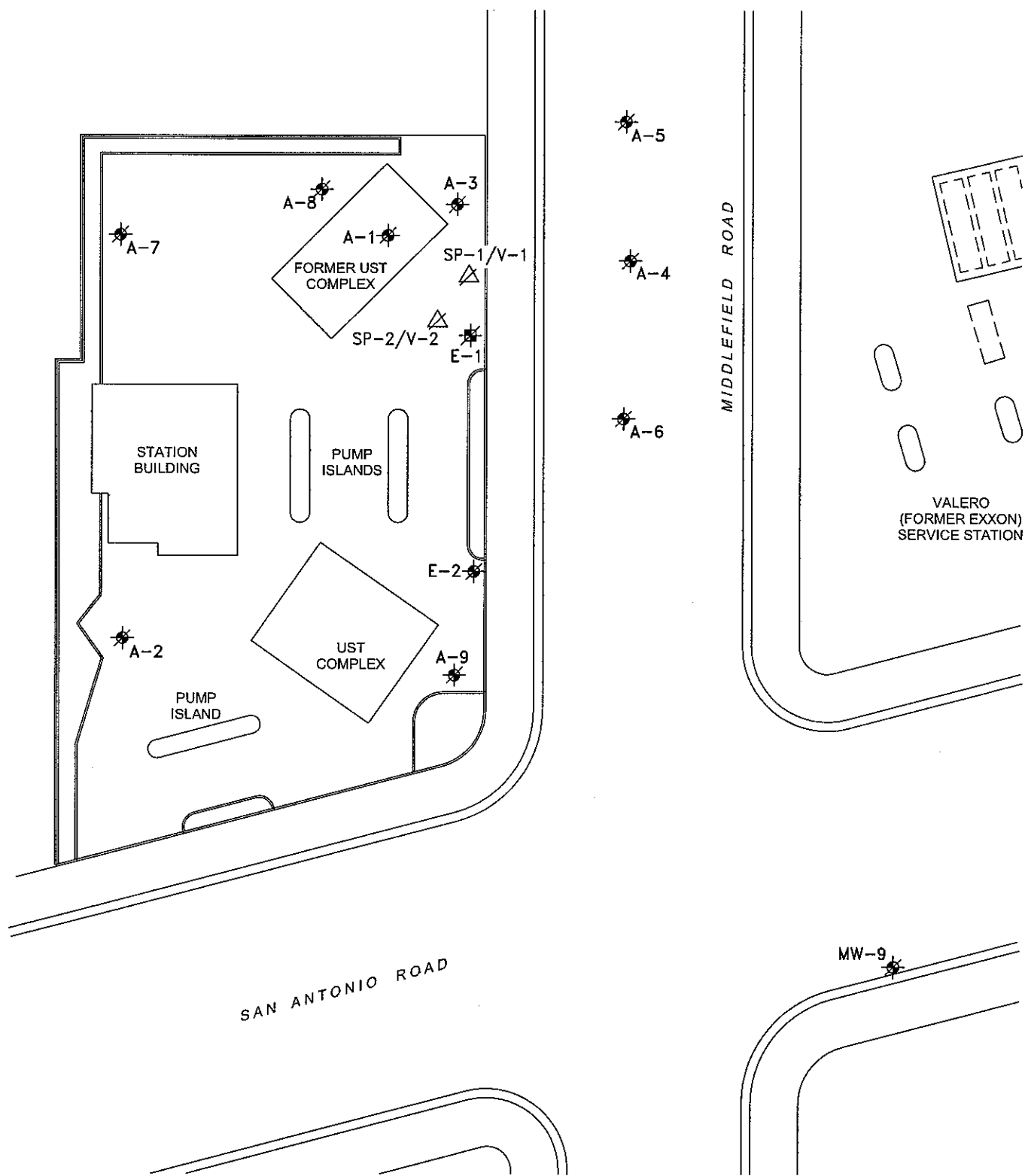


Attachments:

Figure 1	Site Map
Table 1	Well Construction and Destruction Details
Attachment A	SCVWD Well Destruction Permits
Attachment B	DWR Well Completion Reports (original copy submitted to SCVWD Wells Division)

cc: Mr. Paul Supple, RM, electronic copy uploaded to ENFOS

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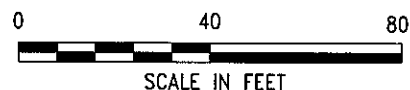


LEGEND

- ★ DESTROYED GROUNDWATER MONITORING WELL
- ★ DESTROYED GROUNDWATER EXTRACTION WELL
- △ DESTROYED AIR SPARGING/SOIL VAPOR EXTRACTION WELL



NORTH



URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

Table 1
Well Construction and Destruction Details

ARCO Station #0716
699 San Antonio Road, Palo Alto, CA

No.	Well ID	Well Type	Well Diameter (inches)	Screened Interval (feet bgs)	Depth to Bottom of Boring (feet bgs)	Well Destruction Method
1	A-2	Monitoring	3	4.00-15.00	16.50	Pressure Grout
2	A-8	Monitoring	3	6.00-18.00	20.50	Pressure Grout
3	A-9	Monitoring	3	6.00-16.50	16.50	Pressure Grout
4	SP-1 ¹	AS	2	21.50-23.50	23.50	Pressure Grout
5	V-1 ¹	VE	2	6.00-11.00	23.50	Pressure Grout
6	SP-2 ²	AS	2	15.50-17.50	18.50	Drill Out
7	V-2 ²	VE	2	6.00-12.00	18.50	Drill Out

Abbreviations:

bgs = Below ground surface

AS = Air sparge

VE = Vapor extraction

Footnotes:

¹ SP-1 & V-1 were nested wells, see boring log.

² SP-2 & V-2 were nested wells, see boring log.

Attachment A
SCVWD Well Destruction Permits

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00857

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station #0716
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 699 San Antonio Road
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Alto, CA
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 06502W17B009	Owner/Consultant Well No.: A-2	Original Well Construction Permit No.: 85W0423
Well Casing Depth: 15'	Total Boring Depth: 16.5	Well Casing Diameter: 3"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Well ☐ Pit Well

Well Type: check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclnometer ☒ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have:

1. Outer conductor casing? ☐ Yes ☒ No

2. Annular cement seal outside of casing at surface? ☐ Yes ☒ No

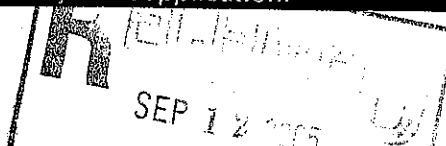
3. A S.C.V.W.D. water meter attached? ☐ Yes ☒ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other:

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.





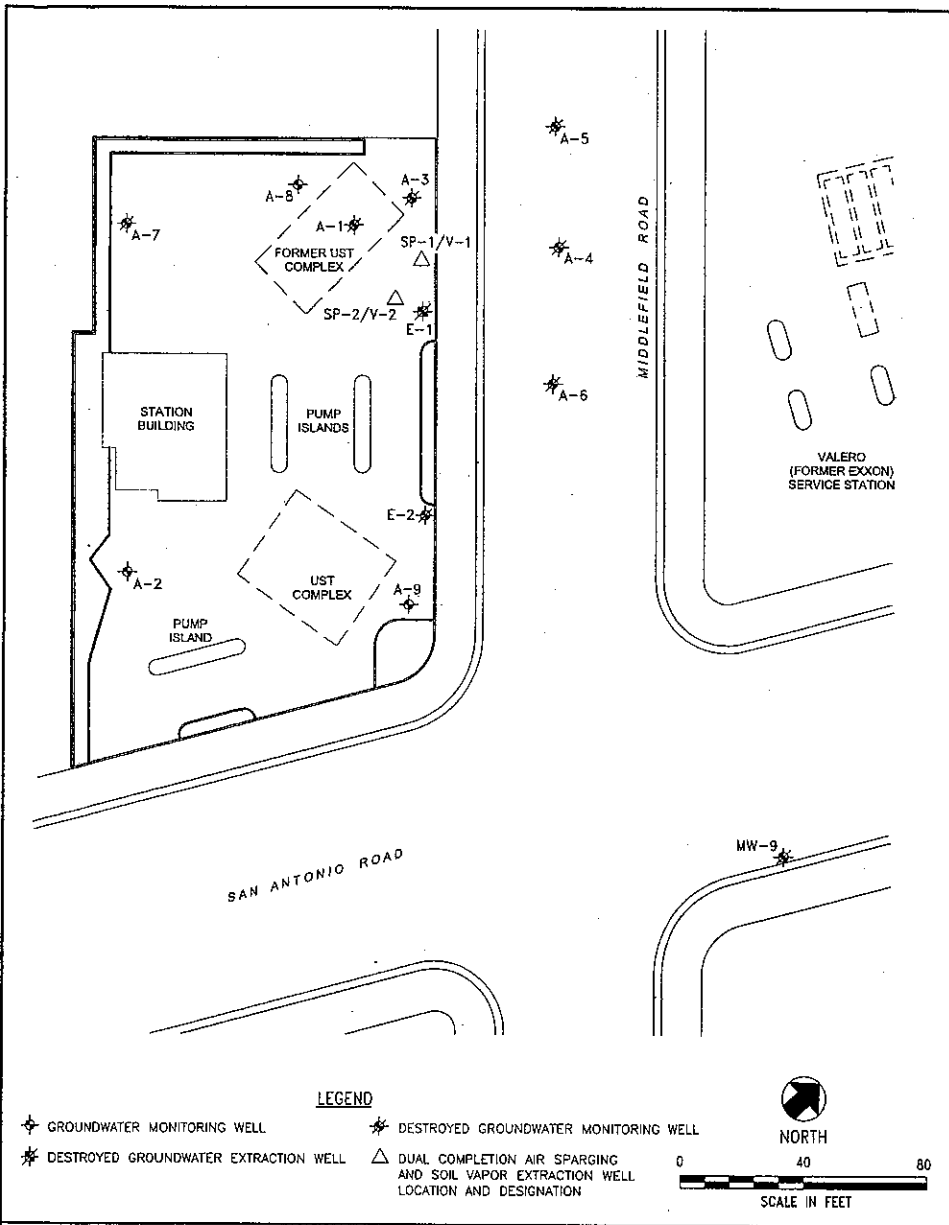
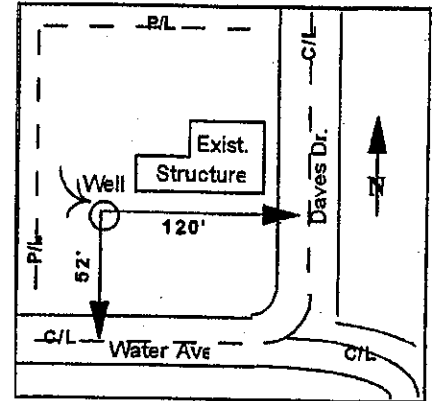
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

Please allow 10 working days to process this application.




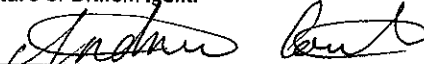
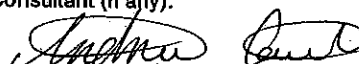
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Andrew Fowler URS for Atlantic Richfield Co	Date: 9/6/05
Signature of Driller/Agent: 	Print Name: Andrew Fowler / URS for Gregg Drilling	Date: 9/6/05
Signature of Consultant (if any): 	Print Name: Andrew Fowler URS	Date: 9/6/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 16.5 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: 		Date: <u>9-27-05</u>	
District Permit No.: <u>05D00657</u>	Date Issued: <u>9-28-05</u>	Expiration Date: <u>3-28-06</u>	Driller's Log No.: <u>030293</u>

Please allow 10 working days to process this application.



GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District
5700 Annandale Expressway
San Jose, California 95118
Telephone (408) 265-2600

WATER WELL CONSTRUCTION APPLICATION
FC 15B (04-09-84)

TO BE COMPLETED BY DISTRICT			
Well Permit No.: <u>85W0423</u>	Date Issued: <u>3/28/85</u>	Well Registration No.: <u>065ZW17B01A</u>	
Water Quality Zone: <u>I</u>	Expiration Date: <u>6-28-85</u>	Coordinates of Well: "X" "Y"	Driller's Log No.: <u>238972</u>

TO BE COMPLETED BY OWNER AND DRILLER <u>Exploration Drilling Ser.</u>			
Property Owner: <u>ATLANTIC RICHFIELD</u>	Well Owner (if different):	Drilling Co.: <u>GETTNER/RYAN INC.</u>	
Address: <u>699 SAN ANTONIO</u>	Address of Well Site:	Driller's Contractors License Number: <u>220793</u>	
City, State, Zip: <u>PALO ALTO CA</u>	City, State, Zip:	Address: <u>1992 NATIONAL AVE</u>	
Telephone No.: <u>493-9129</u>	Telephone No.:	City, State, Zip: <u>HAYWARD CA 94545</u>	
Accession Permit No. of Well Site: Book <u>147</u> Page <u>09</u>	Parcel: <u>038</u>	Owner's/Consultant's Well No.: <u>#1</u>	Telephone No.: <u>(415) 783-7500</u>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Water Quality Zone No.: I (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock)

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED IF THIS APPLICATION IS FOR A MONITORING WELL

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies

☐ Other (specify):

Name of Business: Business License No.:

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☒ Yes ☐ No

If yes, give name of City or County: EMCON Associates

Consultant's Name (company):

Address: 90 Archer St.

City, State, Zip: SAN JOSE, CA 95112

Telephone No.: (408) 275-1444

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☐ Depth ☐ Quality ☒ Depth and Quality

☐ Chloride ☐ Depth and Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Responsible professional (name): Lee Dooley

Registration No. OR Certificate No. 1006

Civil Engineer Engineering Geologist

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property

Within 50 ft. of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No

Within 150 ft. of any existing well: ☐ Yes ☒ No

Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No

Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 75-6 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Attest By GETTNER/RYAN INC. By [Signature] 3/28/85
Signature of Well Owner/Agent Date:

GETTNER/RYAN INC. By [Signature] 3/28/85
Signature of Driller/Agent Date:

MONITORING WELL PLAN APPROVAL

City/County: _____

Approved by: _____

Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Inspection Dept. prior to installing the annular seal.
Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-121 or (408) 265-2605.

②

TO: Water Revenue Division

FROM: Design Coordination Division

DATE: 4-3-85

Well Permit No. 85W0423

Well/Hole No. 1 06S2W17B01A

Inspector J. RIDDER

Date of Inspection 3-28-85

Well Owner ATLANTIC RICHFIELD

Address of Well Site 699 SAN ANTONIO

Name of City or County PALO ALTO

Drilling Company EXPLORATION DRILLING SERVICE

Consultant GETTLER RYAN (EMCON)

Purpose of Well: ☒ Domestic

☐ Municipal/Industrial

☐ Agricultural

☒ Monitoring

☐ Cathodic Protection

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No
2. Location of well in accordance with Santa Clara Valley Water District Permit ☒ Yes ☐ No
3. Annular Seal Witnessed ☒ Yes ☐ No
4. Unusual Product (s) Detected by SCVWD Inspection ☐ Yes ☒ No
5. Unusual Product(s) Reported by Driller ☐ Yes ☒ No
6. Unusual Product(s) Reported by Consultant ☐ Yes ☒ No
7. Monitoring Device ☒ Groundwater ☐ Vadose ☐ Other ☐ N/A

Borehole Dia. = 8"

Depth of Surface Annular Seal = 3'

Bottom of Hole = 16.5'

Casing Dia. = 3"

Bottom of Casing = 15'

Perforations 15' to 4'

Depth of First Water = 7'

Comments: HOLLOW STEM

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY

Do not fill in

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 176465

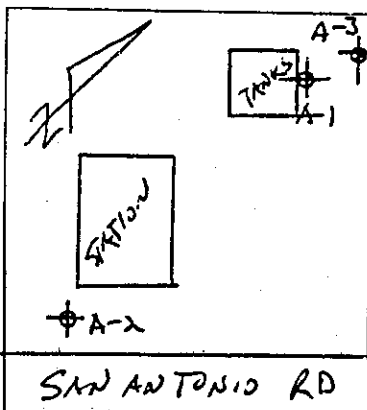
Notice of Intent No. 423

Local Permit No. or Date 65W0363 5/10/85

State Well No. 652W17B01A

Other Well No. 438-55-22

(1) OWNER: Name Atlantic Richfield Co.
Address 699 San Antonio Rd.
City Palo Alto Zip 94301
(2) LOCATION OF WELL (See instructions): A-2
County Santa Clara Owner's Well Number 23
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____



WELL LOCATION SKETCH

(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction material and procedures in Item 12)
(4) PROPOSED USE:
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Stock ☐
Municipal ☐
Other ☐

(12) WELL LOG: Total depth 15 ft. Depth of completed well 14 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 1 (ASPHALT AND SUB BASE MATERIAL)
1 - 13 (CL) CLAY, very dark grayish brown
- (10YR, 4/2) 25% fine to medium sand & coarse sand, silty, soft, damp upo.
- (04', dark gray (5Y, 4/1) 10% fine to medium gravel, very silty, hard damp upo, slight caliche mottled).
- (07', olive gray (5Y, 4/2) 20% fine to coarse gravel, 15% fine to coarse sand, silty, very stiff, wet upo)
13 - 15 (CL/GC) CLAY AND CLAYEY GRAVEL INTERBED CLAY, olive gray (5Y, 4/2), 15% fine to coarse sand, 20% fine to coarse gravel, silty, stiff moist to wet upo;
- CLAYEY GRAVEL, Olive gray (5Y, 4/2), 10-15% clay, 35% fine to coarse sand
- 50-55% fine to coarse gravel, loose wet, upo.

(5) EQUIPMENT:
Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐
(6) GRAVEL PACK: ☒ Coarse
Yes ☒ No ☐ Size Sand
Diameter of bore 8 inch
Packed from 3 to 15 ft.
(7) CASING INSTALLED:
Steel ☐ Plastic ☒ Concrete ☐
(8) PERFORATIONS:
Type of perforation or size of screen
From ft. To ft. Dia. in. Cage or Wall From ft. To ft. Slot size
0 15 3 sh 40 4 15 0.04 in

(9) WELL SEAL:
Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 0-3 ft.
Were strata sealed against pollution? Yes ☒ No ☐ Interval 0-3 ft.
Method of sealing Concrete and Bentonite

(10) WATER LEVELS:
Depth of first water, if known 6 ft.
Standing level after well completion 6 ft.

(11) WELL TESTS:
Was well test made? Yes ☐ No ☒ If yes, by whom? _____
Type of test _____ Pump ☐ Bailor ☐ Air lift ☐
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____
Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work started 3-28-85 Completed 3-28-85

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed Exploration Drilling Services (Sub-Gettler-)

NAME Ryan

Address 1175 Koolidge Ave

City San Jose, Ca. 95125 Zip _____

License No. 220743 Date of this report 4-2-85

(5)

LOG OF EXPLORATORY BORING

PROJECT NUMBER 438-55.02

BORING NO. A-2

BY EG DATE 3/28/85

SURFACE ELEV.

CLASSIFICATION DATA			FIELD DATA			Depth in Ft.	Ground Water Levels	Samples	DESCRIPTION
% Fines (-No.200)	Liquid Limit	Plasticity Index	Perfs	Compressive Strength (TSF)	Penetration (Blows/Ft.)				
						5			ASPHALT
						10			CLAY - Very dark grayish brown (10YR 4/2), 25% fine to medium sand, trace coarse sand, silty - soft, damp
						15			(4': Becomes dark gray (5Y 4/1), 10% fine to medium gravel, slight caliche mottle - hard, damp, no product odor)
						20			(7': Olive gray (5Y 4/2), 15% fine to coarse sand, 20% fine to coarse gravel, silty - very stiff, wet, no product odor)
						25			CLAY CONTAINS THIN (< 3") CLAYEY GRAVEL INTERBEDS: CLAY - Olive gray (5Y 4/2), 15% fine to coarse sand, 20% fine to coarse gravel, silty - stiff, wet, no product odor; CLAYEY GRAVEL - Olive gray, 10-15% clay, 35% fine to coarse sand, 50-55% fine to coarse gravel - loose, wet, no product odor
						30			
						35			
									BOTTOM OF BORING

REMARKS: Boring was converted to a ground-water monitoring well by the installation of 15 feet of 3-inch PVC casing. The lower 11 feet of casing was slotted and the annular space was backfilled with well pack sand from 15 feet to 3 feet. A bentonite-concrete seal was placed from 3 feet to the surface. The well was capped with a protective vault box.



699 San Antonio Rd



Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

- Wells.shp
- ⊕ Water Supply - Active
 - ⊕ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

35 0 35 70 Feet



WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05200658

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station #0716	
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 699 San Antonio Road	
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Palo Alto	
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043	
Consultant: URS Corporation		Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800		Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612		City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain		Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 06502 W 17B 030	Owner/Consultant Well No.: A-8	Original Well Construction Permit No.: 90W0545
Well Casing Depth: 18'	Total Boring Depth: 20.5'	Well Casing Diameter: 3"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

Well Type: check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☒ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have:

- Outer conductor casing? ☐ Yes ☒ No
- Annular cement seal outside of casing at surface? ☐ Yes ☒ No
- A S.C.V.W.D. water meter attached? ☐ Yes ☒ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other:

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 12 2005

S.C.V.W.D.

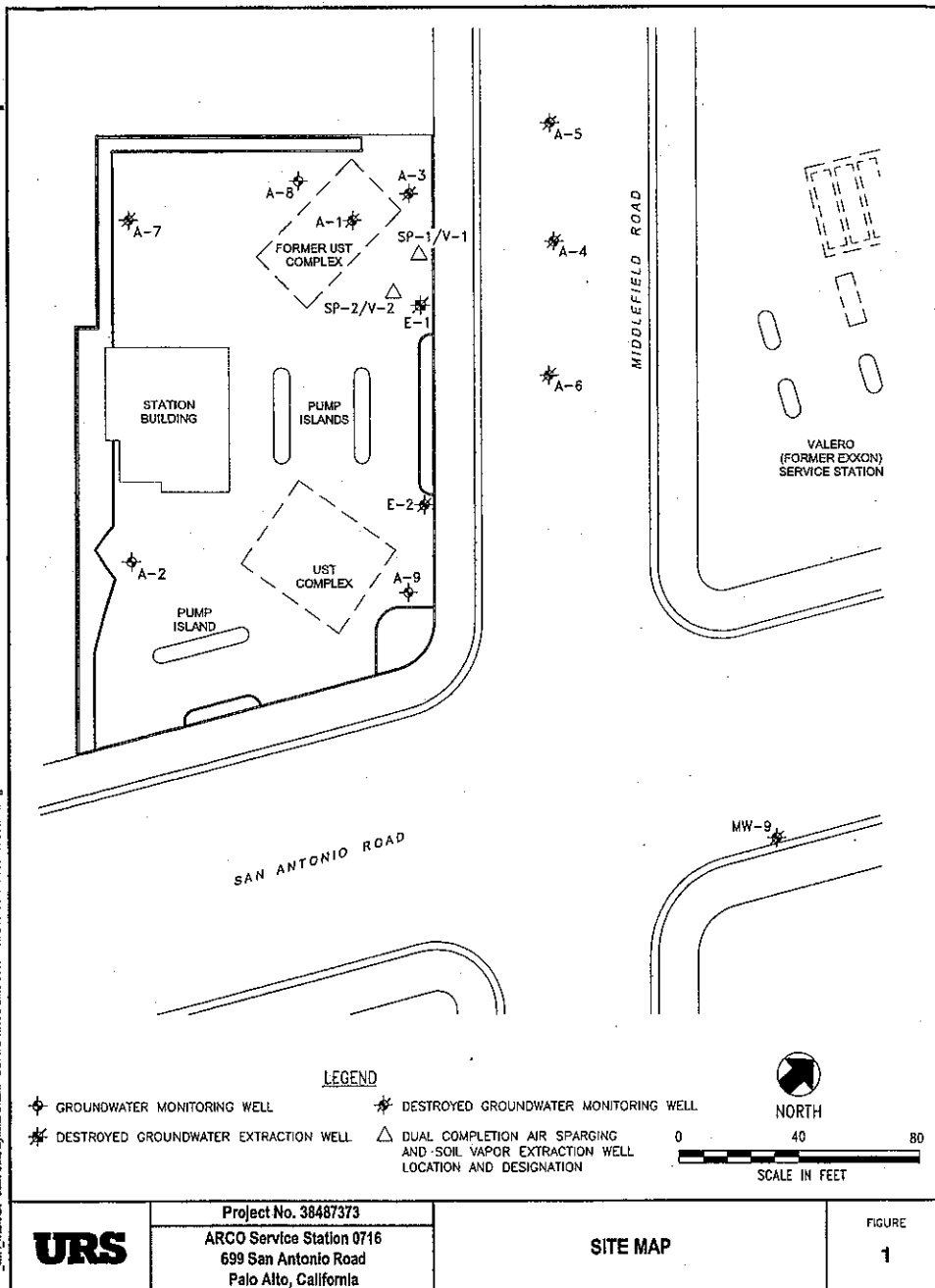
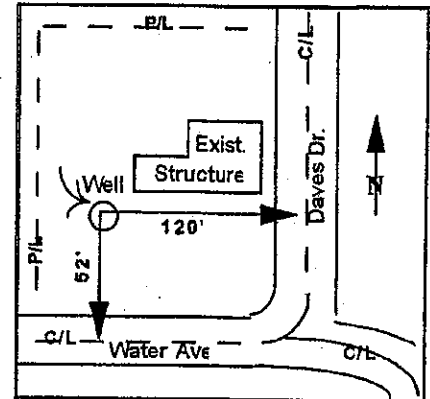
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Please allow 10 working days to process this application.

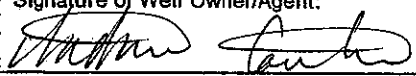


Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Andrew Fowler / URS for Atlantic Richfield Co	Date: 9/6/05
Signature of Driller/Agent: 	Print Name: Andrew Fowler / URS for Gregg Drilling	Date: 9/6/05
Signature of Consultant (if any): 	Print Name: Andrew Fowler URS	Date: 9/6/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 20 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: 		Date: 9-27-05	
District Permit No.: 05D00658	Date Issued: 9-28-05	Expiration Date: 3-28-06	Driller's Log No.: 030294

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

WELL CONSTRUCTION APPLICATION

FC (58 (12-08-89) (DP 4-90))

330-19.05

TO BE COMPLETED BY DISTRICT		
District Permit No.: 901W0545	Date issued: 3-19-90	Well Registration No.: 06S2W17B22A
Geologic Setting: 1	Expiration Date: 6-19-90	Driller's Log No.: 347890

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: ARCO Petroleum Products	Well Owner (if different):	Drilling Co.: All Terrain Drilling
Address: P.O. Box 5811	Address of Well Site: 199 San Antonio	Driller's Contractors License Number (C-57 Req'd): C57-437836
City, State, Zip: San Mateo, CA 94402	City, State, Zip: Palo Alto, CA	Address: 1630 S. Brewer Rd
Telephone No.: 415) 571-2434	Telephone No.:	City, State, Zip: Menlo Park, CA 94025
Assessor's Parcel No. of Well site: Book 147 Page 08 Parcel 043	Owner's/Consultant's Well No.: A-8	Telephone No.: 916) 991-2999

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE:

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company): Pacific Environmental Group

Address: 11001 Civic Center Dr. Suite 202

City, State, Zip: Santa Clara, CA 95050

Telephone No.: 408) 984-6536

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional (No substitution of signature will be accepted): *Delia Wilson*

Registration No. Civil Engineer: OR Certificate No. Engineering Geologist: CEG 1293

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No

Within 50 ft. of any existing well: ☐ Yes ☒ No

Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No

Other wells exist on this property: ☒ Yes ☐ No

Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: *Michael J. Leary* ARCO 3-15-90

Signature of Driller/Agent: *Delia Wilson* 3-15-90

MONITORING WELL PLAN APPROVAL

City/County: _____

Approved by: _____

Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 4/2/90	Permit No.: 90W0545
Inspector: Anne Thiemann	Date of Inspection: 3/28/90	Well Registration No.: 4-8 06S2W17B22A
Well Owner: Arco Petroleum Products		
Address of Well Site: 699 San Antonio Rd	City or County: Palo Alto	
Drilling Company: Bayland Drilling	Consultant: Pacific Environmental Group	

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
- ☒ *Groundwater
- ☐ *Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal - 5

Comments: Hollow Stem Auger

TD: 20.5' BOC: 18' Screen: 18-6' Bentonite: 1' Cement: 4'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

ORIGINAL
File with DWRSTATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 347890

Notice of Intent No. _____

Local Permit No. or Date 90W0545State Well No. 06S2W17022A

Other Well No. _____

(1) OWNER: Name ARCO Petroleum Products
Address P.O. Box 5811
City San Mateo, CA ZIP 94402(12) WELL LOG: Total depth _____ ft. Completed depth _____ ft.
from ft. to _____ ft. Formation (Describe by color, character, size or material)
- Please see attached(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-8
Well address if different from above 699 San Antonio
Township Palo Alto Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____Please see
attached(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe
destruction materials and pro-
cedures in Item 12)(4) PROPOSED USE:
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ Monitoring
(Describe)

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐
Hollowstern(6) GRAVEL PACK: 12x20
Yes ☒ No ☐ Size 8-inch
Diameter of bore 18
Packed from 5 to 18

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	18	3	40	6	18	.020"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 5 ft.Were grata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.Method of sealing grout

Work started _____ 19____ Completed _____ 19____

(10) WATER LEVELS:

Depth of first water, if known 8.75 ft.Standing level after well completion 2 ft.

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed Clifford H. Allen

(11) WELL TESTS:

Was well test made? Yes ☐ No ☐ If yes, by whom? _____Type of test Pump ☐ Bailor ☐ Air lift ☐

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge _____ gal/min after _____ hours Water temperature _____

Chemical analysis made? Yes ☒ No ☐ If yes, by whom? PEGWas electric log made? Yes ☐ No ☐ If yes, attach copy to this report

NAME _____

Address _____

City _____

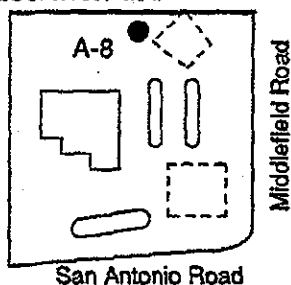
License _____

Bayland Drilling
600 Crane Avenue
Foster City, CA 94404
(415) 574-4880
C57-374152

(printed)

ZIP 6/27/90
or

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

 WELL / A-8
 BORING NO.
 PAGE 1 OF 1

 PROJECT NO. 330-19.05
 LOGGED BY: JC/DKU
 DRILLING METHOD: HSA
 SAMPLING METHOD: CAL MOD
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"
 GRAVEL PACK: 12 X 20 SAND

 CLIENT: ARCO
 DATE DRILLED: 3-28-90
 LOCATION: San Antonio Road
 HOLE DIAMETER: 8"
 HOLE DEPTH: 20.5'
 WELL DEPTH: 18'
 WELL DIAMETER: 3"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				2			SC	ASPHALT AND ROAD BASE
				4			CH	CLAYEY SAND; fill; brown; fine to coarse sand; 15% fines; no product odor.
				6				
				8				
				10			SC	CLAYEY SAND; gray; 25-30% clay and silt; fine to medium sand; trace coarse; loose; no product odor.
				12				
				14			CL	CLAY; light grayish brown; moderate to high plasticity; 20% fine to medium sand; 20% sub-angular to well rounded; chert; trace coarse sand; weak sub angular blocky; light gray mottling; stiff; no product odor.
				16				
				18				
				20			SC	CLAYEY SAND; gray; moderate plasticity; 30% clay to silt; 20% fine sand; 50% medium to coarse sand; sub-angular to sub-rounded; chert; medium dense; no product odor.
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

 BOTTOM OF BORING AT 20.5'
 WELL ELEVATION 15.13' - MSL

699 San Antonio Rd



Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

35 0 35 70 Feet



WELL DESTRUCTION APPLICATION

FC 198w (12-18-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686
Please complete all information.

Well Owner: Atlantic Richfield Company		Property Owner: Atlantic Richfield Company		DISTRICT PERMIT NO.: 05D00659	
Well Owner's Mailing Address: P.O. Box 6549		Property Owner's Mailing Address: P.O. Box 6549		Name of Business/Residence at Well Site: ARCO Service Station #0716	
City, State, Zip: Moraga, CA 94570		City, State, Zip: Moraga, CA 94570		Address of Well Site: 699 San Antonio Road	
Telephone No.: 925-299-8891		Telephone No.: 925-299-8891		City, State, Zip: Palo Alto, CA	
Consultant: URS Corporation		Drilling Company: Gregg Drilling		Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043	
Address: 1333 Broadway, Suite 800		Address: 950 Howe Road			
City, State, Zip: Oakland, CA 94612		City, State, Zip: Martinez, CA 94553			
Telephone No.: 510-874-3026 Attn: John McCain		Telephone No.: 925-313-5800		C-57 License No.: 485165	
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.			

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 06502W17B029	Owner/Consultant Well No.: A-9	Original Well Construction Permit No.: 90W0546
Well Casing Depth: 16.5'	Total Boring Depth: 16.5'	Well Casing Diameter: 3"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

Well Type: check all that apply

☐ Water Producing ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction (supply or extraction)

☒ Monitoring ☐ Inclinator ☒ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have:

- Outer conductor casing? ☐ Yes ☒ No
- Annular cement seal outside of casing at surface? ☐ Yes ☒ No
- A S.C.V.W.D. water meter attached? ☐ Yes ☒ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other: _____

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 12 2005

S.C.V.W.D.

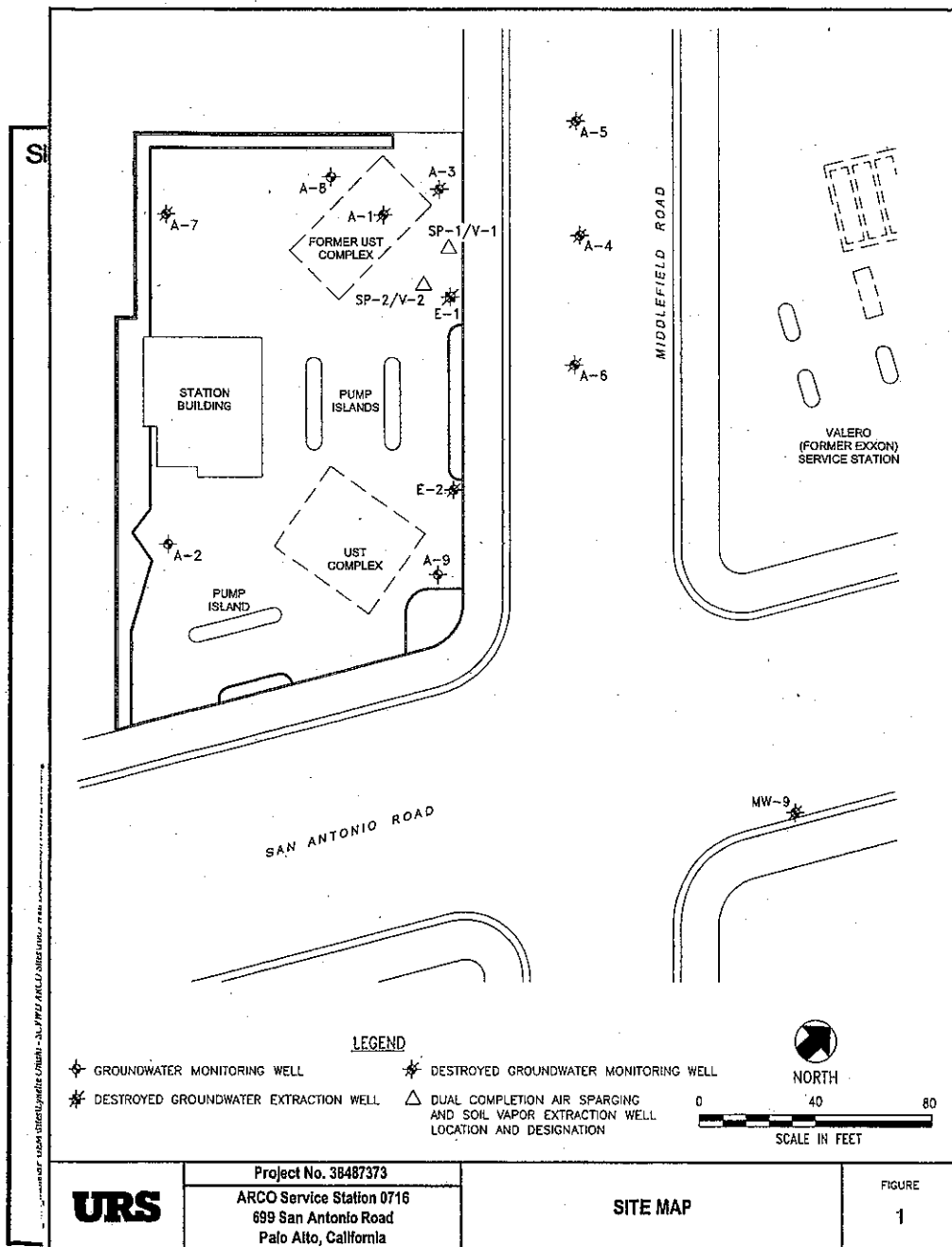
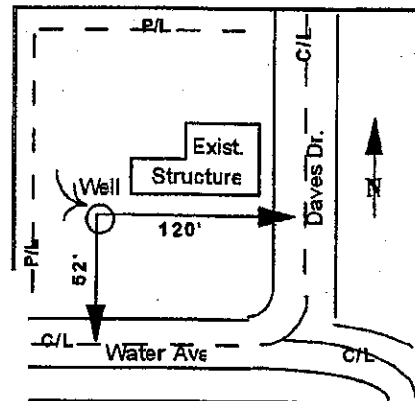
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Please allow 10 working days to process this application.



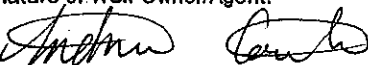
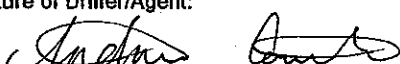
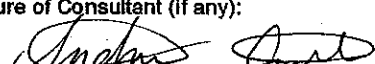
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Andrew Fowler / URS for Atlantic Richfield Co	Date: 9/6/05
Signature of Driller/Agent: 	Print Name: Andrew Fowler / URS for Gregg Drilling	Date: 9/6/05
Signature of Consultant (if any): 	Print Name: Andrew Fowler URS	Date: 9/6/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 16 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: 		Date: 9-27-05	
District Permit No.: 05D00659	Date Issued: 9-28-05	Expiration Date: 3-28-06	Driller's Log No.: 030295

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

330-19.05

WELL CONSTRUCTION APPLICATION

FC 558 (12-08-89) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: 90W0546	Date Issued: 3-19-90	Well Registration No.: 06S2W17B21A
Geologic Setting: 1	Expiration Date: 6-19-90	Driller's Log No.: 347891

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: ARCO Petroleum Products	Well Owner (if different):	Drilling Co.: All Terrain Drilling
Address: P.O. Box 5811	Address of Well Site: 699 San Antonio	Driller's Contractors License Number (C-57 Req'd): C57-437836
City, State, Zip: San Mateo, CA 94402	City, State, Zip: Palo Alto, CA	Address: 1430 S. Brewer Rd
Telephone No.: 415) 571-2434	Telephone No.:	City, State, Zip: Pleasant Grove, CA 95668
Assessor's Parcel No. of Well site: Book 147 Page 08 Parcel 0453	Owner's/Consultant's Well No.: A-9	Telephone No.: 916) 991-2999

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ *Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery

☐ Other (specify):

NAME OF BUSINESS AT WELL SITE:

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company):
Pacific Environmental Group

Address:
11001 Civic Center Dr. Suite 202

City, State, Zip:
Santa Clara, CA 95050

Telephone No.:
408) 984-6536

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional
(No substitution of signature will be accepted)
CEG 1293

Registration No. Civil Engineer OR Certificate No. Engineering Geologist

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank ☐ Yes ☒ No Within 50 ft. of any existing well ☒ Yes ☐ No

Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☒ Yes ☐ No

Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: *Alice Anderson* ARCO 3-15-90
Signature of Driller/Agent: *Alice Anderson* All Terrain 3-15-90

MONITORING WELL PLAN APPROVAL

City/County: _____
Approved by: _____
Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 4/2/90	Permit No.: 90W0546
Inspector: Anne Thiemann	Date of Inspection:	Well Registration No.: A-9 06S2W17B21A
Well Owner: Arco Petroleum Products		
Address of Well Site: 699 San Antonio Rd	City or County: Palo Alto	
Drilling Company: Bayland Drilling	Consultant: Pacific Environmental Group	

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
- ☒ *Groundwater
- ☐ *Other

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 3'

Comments: Hollow Stem Auger

TD: 16.5' BOC: 16.5' Screen: 16.5-6' Bentonite: 1' Cement: 4'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

ORIGINAL
File with DWRSTATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 347891

Notice of Intent No. _____

State Well No. 06SAW17821ALocal Permit No. or Date 90W0546

Other Well No. _____

(1) OWNER: Name ARCO Petroleum Products
Address P.O. Box 5811
City San Mateo, CA ZIP 94402(12) WELL LOG: Total depth _____ ft. Completed depth _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)
- Please see attached

(2) LOCATION OF WELL (See instructions):

County Santa Clara Owner's Well Number A-9
Well address if different from above 699 San Antonio
Township Palo Alto Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____Please see
attached(3) TYPE OF WORK
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe
destruction materials and pro-
cedures in Item 12)(4) PROPOSED USE
Domestic ☒
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ Monitoring
(Describe)

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐
Hollowstern

(6) GRAVEL PACK:

Yes ☒ No ☐ Size 12-20
Diameter of bore 8-inch
Packed from 5 to 16.5 ft.

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	16.5	3	40	6	16.5	.020"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 5 ft.Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.Method of sealing grout

(10) WATER LEVELS:

Depth of first water, if known 9.5 ft.Standing level after well completion 10 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☐ If yes, by whom? _____Type of test _____ Pump ☐ Bailor ☐ Air lift ☐

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge _____ gal/min after _____ hours Water temperature _____

Chemical analysis made? Yes ☒ No ☐ If yes, by whom? PEGWas electric log made? Yes ☐ No ☐ If yes, attach copy to this report

Work started _____ 19____ Completed _____ 19____

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed _____

NAME _____

Address _____

City _____

License _____

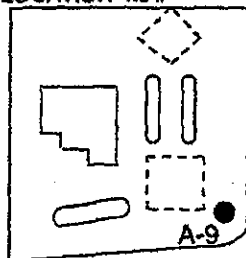
Bayland Drilling
600 Crane Avenue
Foster City, CA 94404
(415) 574-4880
C57-374152

(Printed)

P _____

rt 6/27/90

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

 WELL / A-9
 BORING NO.
 PAGE 1 OF 1

 PROJECT NO. 330-19.05
 LOGGED BY: JC/DKU
 DRILLING METHOD: HSA
 SAMPLING METHOD: CAL MOD
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"
 GRAVEL PACK: 12 X 20 SAND

 CLIENT: ARCO
 DATE DRILLED: 3-28-90
 LOCATION: San Antonio Road
 HOLE DIAMETER: 8"
 HOLE DEPTH: 16.5'
 WELL DEPTH: 16.5'
 WELL DIAMETER: 3"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				2			SC	ASPHALT; fill
				4			CH	CLAYEY SAND; fill; brown; fine to coarse sand; 10-20% fines
				6				CLAY; medium gray; 10% fine sand; high plasticity; calcium carbonate clay patches (3-5 mm); hard; no product odor.
				8				
				10			SC	CLAYEY SAND; greenish gray; 20-25% clay and silt; fine to coarse sand; 10-20% very coarse sand and gravel; sub-angular; medium dense; no product odor.
				12				
				14				
				16			CL	CLAY; grayish brown; 10-20% fine sand; 15-25% medium to coarse sand; moderate plasticity; calcium carbonate clay patches (2-5 mm); hard; no product odor.
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

 BOTTOM OF BORING AT 16.5'
 WELL ELEVATION 13.84' - MSL

699 San Antonio Rd



Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelcask.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

35 0 35 70 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00661

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station # 0716
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 699 San Antonio Road
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Palo Alto, CA
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 06502W178046	Owner/Consultant Well No.: SP-1	Original Well Construction Permit No.: 93W0690
Well Casing Depth: 23.5' and 11'	Total Boring Depth: 23.5'	Well Casing Diameter: 2" and 2"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
Well Description:		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input checked="" type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
Well Type: check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input checked="" type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinometer	<input checked="" type="checkbox"/> Groundwater
<input checked="" type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Injection/Infiltration	<input checked="" type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Cathodic Protection	<input type="checkbox"/> Suction Lysimeter	<input checked="" type="checkbox"/> Vapor Extraction
	<input type="checkbox"/> Seismic	<input checked="" type="checkbox"/> Air Sparging

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Type of Original Drilling Method:			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal. Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120. Please allow 10 working days to process permit application.

SEP 12 2005

S.C.V.W.D.

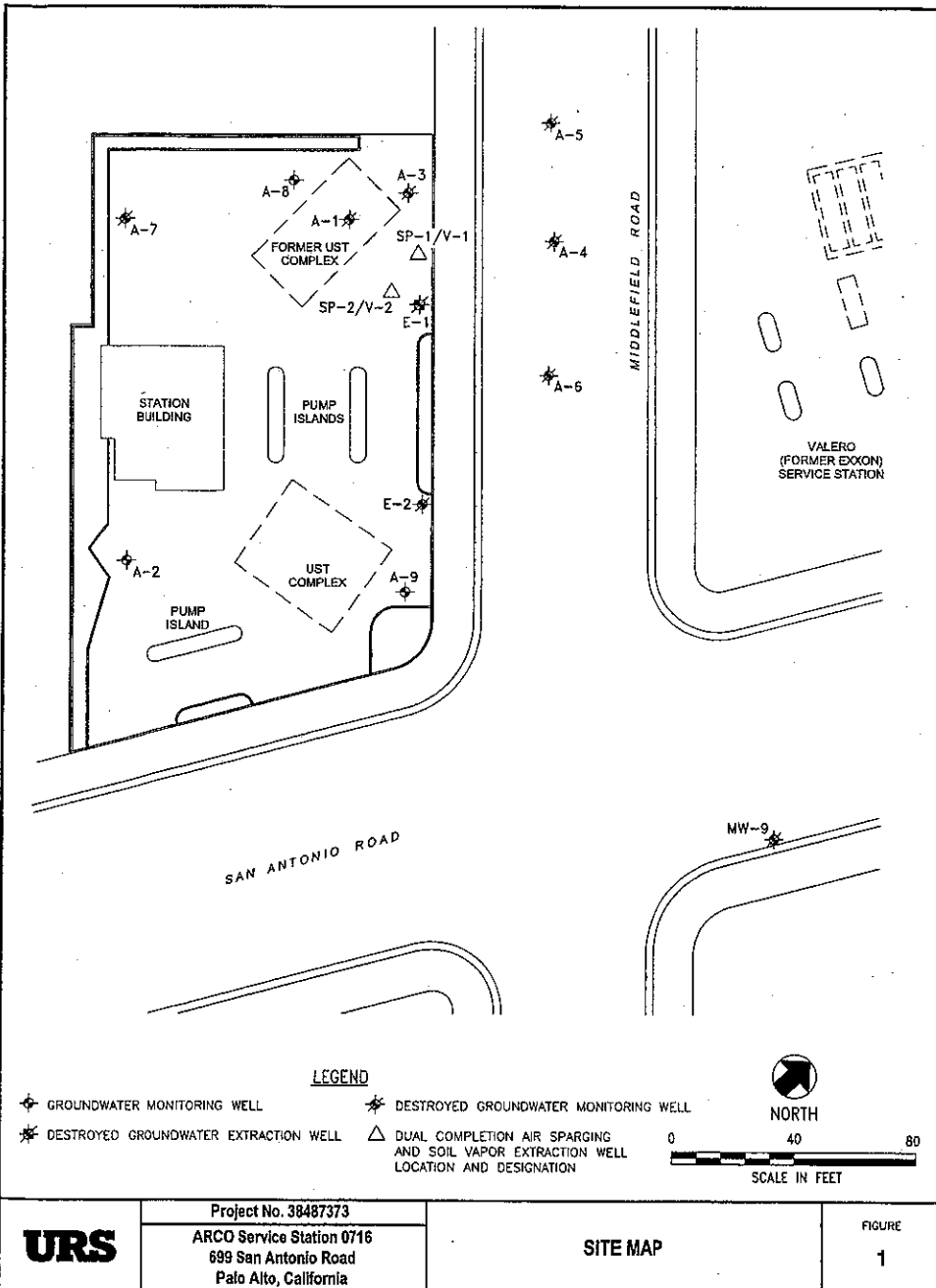
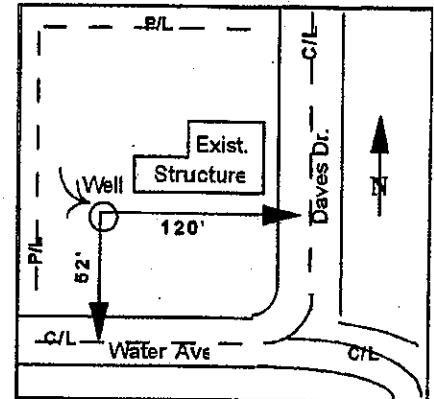
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Please allow 10 working days to process this application.



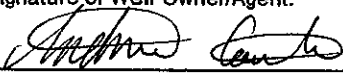
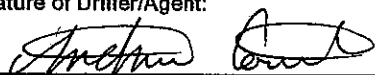
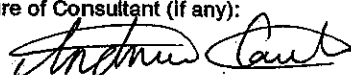
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Andrew Fowler URS for Atlantic Richfield Co	Date: 9/6/05
Signature of Driller/Agent: 	Print Name: Andrew Fowler URS for Gregg Drilling	Date: 9/6/05
Signature of Consultant (if any): 	Print Name: Andrew Fowler URS	Date: 9/6/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

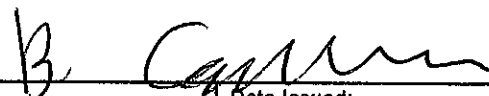
OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 23.5 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: nested well
8.5' seal

Permit Approved By: 	Date: 9-27-05
District Permit No.: 05D00661	Date Issued: 9-28-05
Expiration Date: 3-28-06	Driller's Log No.: 030297

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number Indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION

Date: 9-7-93

Permit No.: 93W0690

Inspector: Dave Zayia

Date of Inspection: 8-13-93

Well Registration No.: 5P-1/0652W17B38A

Well Owner: ARCO

Address of Well Site: 699 SAN ANTONIO RD.

City or County: PALO ALTO

Drilling Company: Baylands Drilling

Consultant: PEG

PURPOSE OF WELL:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
☒ *Groundwater
☐ *Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 8 1/2'

Comments: TD - 23 1/2' 2" PVC Casing
8 1/2' SEAL - 20 1/2' TO 12' - Next Cement Bentonite Seal
Hollow Stem Auger - NESTED Well

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

ORIGINAL
File with DWR

Page gf

Owner's Well No. SP-1 (Pt. of VA)

Date Work Began 8-12-93

Local Permit Agency SCVWD

Permit No. 93W0690

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 466260

Permit Date 5-10-93

DWR USE ONLY - DO NOT FILL IN

0650247HB38A
STATE WELL NO./STATION NO.

LATITUDE

LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (Z) VERTICAL HORIZONTAL ANGLE (SPECIFY)

DEPTH TO FIRST WATER (FL) BELOW SURFACE

DESCRIPTION

Describe material, grain size, color, etc.

DEPTH FROM SURFACE

Fl. to Fl.

SEE

ATTACHED

Log

SS# 716

WELL OWNER

Name ARCO

Mailing Address PO BOX 5811

San Mateo

CA 94402

CITY

STATE

ZIP

WELL LOCATION

Address 699 San Antonio

City PAID AID

County Santa Clara

APN Book 47 Page 08 Parcel 043

Township

Range

Section

Latitude

DEG.

MIN.

SEC.

NORTH

Longitude

DEG.

MIN.

SEC.

WEST

LOCATION SKETCH

NORTH

ACTIVITY (Z)

NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe

Procedures and Materials

Under "GEOLOGIC LOG")

PLANNED USE(S)

MONITORING

WATER SUPPLY

Domestic

Public

Irrigation

Industrial

"TEST WELL"

CATHODIC PROTECTION

OTHER (Specify)

Illustrate or Describe Distance of Well from Landmarks
such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE

DRILLING METHOD

Hollow Stem

FLUID

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC

WATER LEVEL

(Fl.)

& DATE MEASURED

ESTIMATED YIELD*

(GPM)

& TEST TYPE

TEST LENGTH

(Hrs.)

TOTAL DRAWDOWN

(Fl.)

* May not be representative of a well's long-term yield.

TOTAL DEPTH OF BORING (Feet)

TOTAL DEPTH OF COMPLETED WELL (Feet)

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING(S)						ANNULAR MATERIAL								
				TYPE (✓)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE						
Ft.	to	Ft.	BLANK	SCREEN	CON- DUCTOR	FILL PIPE									Ft.	to	Ft.	CE- MENT (✓)
</																		

ATTACHMENTS (Z)

X Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analyses

Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME R. Barrick for Baylands

(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINTED)

ADDRESS 811 Hamilton

Marlo Park CA 94025

CITY

STATE

Dated 10-93

DATE SIGNED

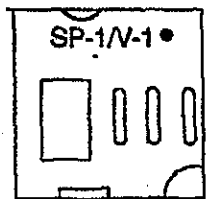
374152

WELL OWNER/AUTHORIZED REPRESENTATIVE

DATE SIGNED

CERTIFICATE NUMBER

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-1/V-1

PAGE 1 OF 2

PROJECT NO. 330-19.12

LOGGED BY: RH

DRILLER: BAYLAND

DRILLING METHOD: HSA

SAMPLING METHOD: CONT CORE

CASING TYPE: Sch 40 PVC

SLOT SIZE: 0.020"/0.040"

GRAVEL PACK: 2 X 12 Medium Aquarium Sand CASING STICKUP: NA

CLIENT: ARCO

DATE DRILLED: 8-12-93

LOCATION: 699 San Antonio Road

HOLE DIAMETER: 10"

HOLE DEPTH: 23.5'

WELL DIAMETER: 2 1/2"

WELL DEPTH: 23.5/11'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1			CL	ASPHALT AND BASEROCK
				2				
				3				
		125		4				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; 5% gravel; caliche nodules; trace wood; fill material; soft; moderate product odor.
		62		5				@4': as above; gray; 20% silt; 10% fine to coarse sand; firm; strong product odor.
				6				
		2400		7				
				8				
				9			SC	CLAYEY SAND: olive gray to dark greenish gray; 10-20% clay; fine to medium sand; 5% coarse sand; strong product odor.
		61		10				
				11				@11': moderate product odor.
				12				
				13				
				14				
		18		15				@15': moderate product odor.
				16				
				17				
				18			SP	SAND: dark olive gray; clean fine sand; flowing; no product odor.
				19				
				20			SP-SC	SAND: brown; 5-15% clay; fine to medium sand; 5% coarse sand; flowing; no product odor.
				21			SC	CLAYEY SAND: brown; 15-40% clay; fine to medium sand; no product odor.
				22				

LOCATION MAP				PACIFIC ENVIRONMENTAL GROUP, INC.				WELL NO. SP-1/V-1 PAGE 2 OF 2	
See Page One				PROJECT NO. 330-19.12 LOGGED BY: DRILLER: DRILLING METHOD: SAMPLING METHOD: CASING TYPE: SLOT SIZE: GRAVEL PACK:				CLIENT: ARCO DATE DRILLED: LOCATION: HOLE DIAMETER: HOLE DEPTH: WELL DIAMETER: WELL DEPTH: CASING STICKUP:	
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
SAND				23			SC CL	CLAYEY SAND - continued. CLAY: grayish brown; moderate plasticity; no product odor.	
				24					
				25					
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					

699 San Antonio Rd



Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- VALFLOOR.SHP
 - Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

35 0 35 70 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686
Please complete all information.

Well Owner: Atlantic Richfield Company		Property Owner: Atlantic Richfield Company		DISTRICT PERMIT NO.: 05 D00 787	
Well Owner's Mailing Address: P.O. Box 6549		Property Owner's Mailing Address: P.O. Box 6549		Name of Business/Residence at Well Site: ARCO Service Station # 0716	
City, State, Zip: Moraga, CA 94570		City, State, Zip: Moraga, CA 94570		Address of Well Site: 699 San Antonio Road	
Telephone No.: 925-299-8891		Telephone No.: 925-299-8891		City, State, Zip: Palo Alto, CA	
Consultant: URS Corporation		Drilling Company: Gregg Drilling		Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043	
Address: 1333 Broadway, Suite 800		Address: 950 Howe Road			
City, State, Zip: Oakland, CA 94612		City, State, Zip: Martinez, CA 94553			
Telephone No.: 510-874-3026 Attn: John McCain		Telephone No.: 925-313-5800		C-57 License No.: 485165	
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.			

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information		
Well Registration No.: 06502W17B047	Owner/Consultant Well No.: V-1	Original Well Construction Permit No.: 93W0689
Well Casing Depth: 11'	Total Boring Depth: 23.5'	Well Casing Diameter: 2"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*		<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*		(* See General Conditions, E.)	
Well Description:					
<input checked="" type="checkbox"/> Vertical Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Elevator Shaft <input checked="" type="checkbox"/> Multiple Casing <input type="checkbox"/> Horizontal Wall <input type="checkbox"/> Pit Well					
Well Type: check all that apply					
<input type="checkbox"/> Water Producing (supply or extraction) <input checked="" type="checkbox"/> Contamination Cleanup <input type="checkbox"/> Agricultural <input type="checkbox"/> Domestic <input type="checkbox"/> Municipal & Industrial <input checked="" type="checkbox"/> Vapor Extraction					
<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Inclinator <input checked="" type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Vadose <input type="checkbox"/> Piezometer <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter <input type="checkbox"/> Seismic					
<input type="checkbox"/> Injection/Infiltration <input checked="" type="checkbox"/> Contamination Cleanup <input type="checkbox"/> Reclaimed Water <input checked="" type="checkbox"/> Air Sparging					
<input type="checkbox"/> Cathodic Protection					

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Type of Original Drilling Method:

<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger	<input type="checkbox"/> Other:
---------------------------------	-------------------------------------	--	---	---------------------------------

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 23 2003

S.C.V.W.D.
WELLS



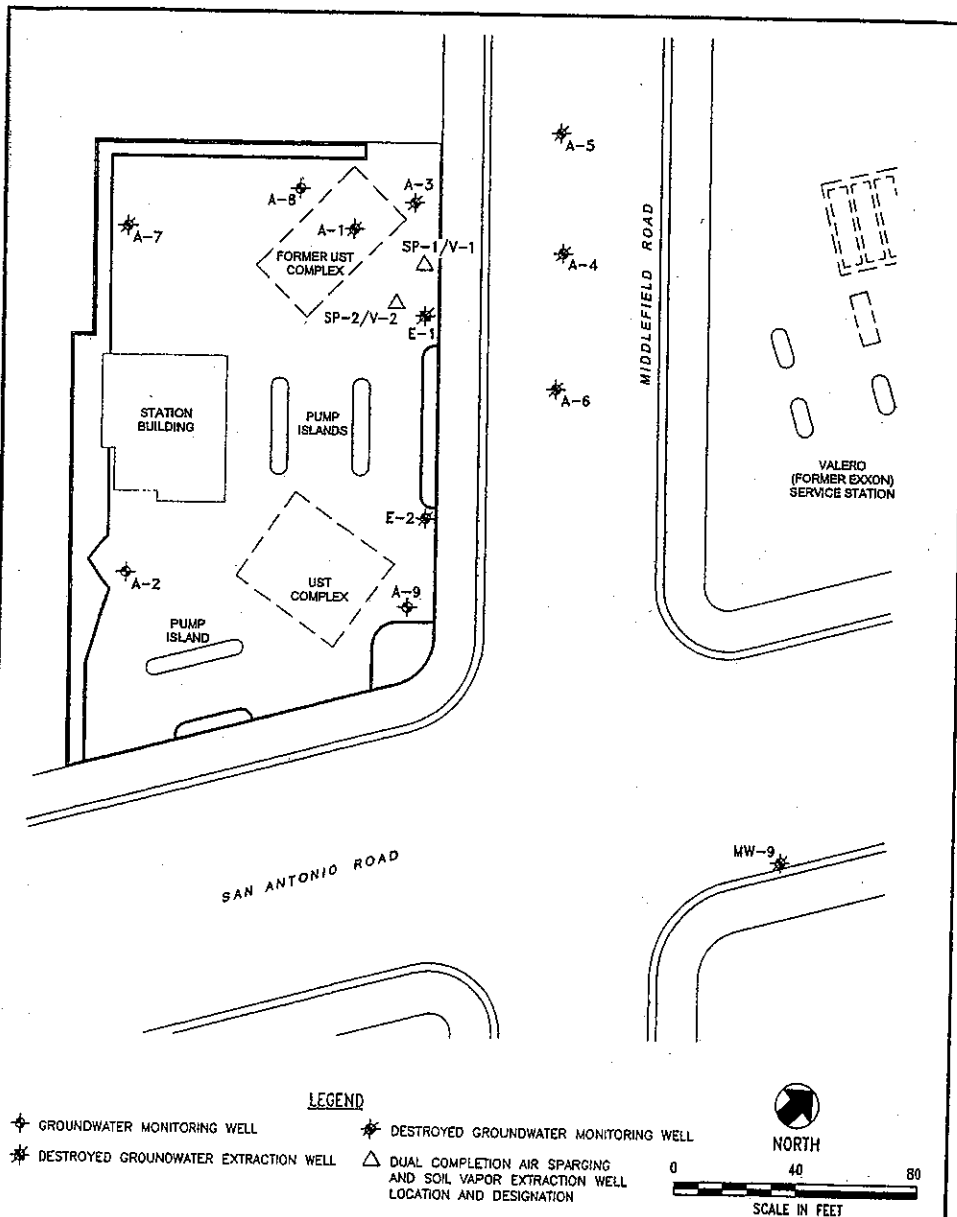
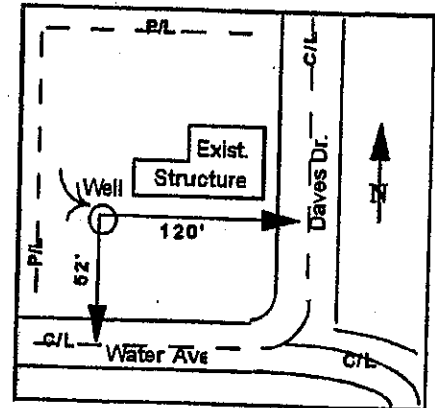
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



LEGEND

- ★ GROUNDWATER MONITORING WELL
- ★ DESTROYED GROUNDWATER MONITORING WELL
- ★ DESTROYED GROUNDWATER EXTRACTION WELL
- △ DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



0 40 80
SCALE IN FEET

URS

Project No. 38467373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: <i>John Tuli</i>	Print Name: John McCain URS for Atlantic Richfield Co	Date: 9-22-05
Signature of Driller/Agent: <i>John Tuli</i>	Print Name: John McCain URS for Gregg Drilling	Date: 9-22-05
Signature of Consultant (if any): <i>John Tuli</i>	Print Name: John McCain	Date: 9-22-05

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 23.5 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: <i>B. Camner</i>		Date: <i>10-6-05</i>	
District Permit No.: <i>05D00727</i>	Date Issued: <i>10-6-05</i>	Expiration Date: <i>4-6-06</i>	Driller's Log No.: <i>030499</i>

Please allow 10 working days to process this application.



GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 9-7-93	Permit No.: 93W0689
Inspector: Dave Tuerk	Date of Inspection: 9-13-93	Well Registration No.: 141/0152W17039A
Well Owner: ARCO		
Address of Well Site: 699 SAN ANTONIO RD.		City or County: PALO ALTO
Drilling Company: BAYLANDS Drilling	Consultant: PEG	

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

Monitoring Well Use

- ☒ *Vadose
- ☐ *Groundwater
- ☐ *Other

- 1 Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- 2 Depth of Surface Annular Seal = 5'

Comments:

TD-11

2" PVC CASING

5' - NEAT CONCRETE BENTONITE SEAL

Hollow Stem Auger

Nested Well

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

ORIGINAL
File with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

Page 1 of 1 (part of SP4)
Owner's Well No. V-1

No. 466261

Date Work Began 8-12-93, Ended 8-12-93

Local Permit Agency SCVWD

Permit No. 93W0689 Permit Date 5-10-93

DWR USE ONLY - DO NOT FILL IN

06502W1A-B39A

STATE WELL NO./STATION NO.

LATITUDE

LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (°) VERTICAL HORIZONTAL ANGLE (SPECIFY)

DEPTH TO FIRST WATER (FL) BELOW SURFACE

DEPTH FROM SURFACE
Ft. to Ft.

DESCRIPTION

Describe material, grain size, color, etc.

SEE ATTACHED
Log

SS# 710

WELL OWNER

Name ARCO Products Co.

Mailing Address PO BOX 5811

San Mateo CA

CITY San Antonio STATE TX ZIP 78201

Address 699

City PAID A170

County Santa Clara

APN Book 147 Page 08 Parcel 043

Township Range Section Section

Latitude DEG. MIN. SEC. NORTH Longitude DEG. MIN. SEC. WEST

LOCATION SKETCH

SEE ATTACHED

ACTIVITY (°)

☒ NEW WELL

☐ MODIFICATION/REPAIR

☐ Deepen

☐ Other (Specify)

☐ DESTROY (Describe Procedure and Materials Under "GEOLOGIC LOG")

☒ PLANNED USE(S) -

☒ MONITORING

☒ WATER SUPPLY

☐ Domestic

☐ Public

☐ Irrigation

☐ Industrial

☐ "TEST WELL"

☐ CATHODIC PROTECTION

☐ OTHER (Specify)

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fence, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

DRILLING METHOD Hollow Stem FLUID FLUID

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL (FL) & DATE MEASURED

ESTIMATED YIELD* (GPM) & TEST TYPE

TEST LENGTH (Hrs.) TOTAL DRAWDOWN (FL)

* May not be representative of a well's long-term yield.

TOTAL DEPTH OF BORING (Feet)

TOTAL DEPTH OF COMPLETED WELL (Feet)

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING(S)					DEPTH FROM SURFACE			ANNULAR MATERIAL				
				TYPE (✓)				MATERIAL / GRADE				INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE	
FL.	TO	FT.	BLANK	SCREEN	CON- DUCTOR	FILL PIPE										CE- MENT (✓)
SEE ATTACHED LOG																

ATTACHMENTS (°)

- ☒ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME R. Barrick for Baylands

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

811 Hamilton

Menlo Park Ca

ADDRESS

CITY

STATE

ZIP

Signed R. Barrick

WELL DRILLER/AUTHORIZED REPRESENTATIVE

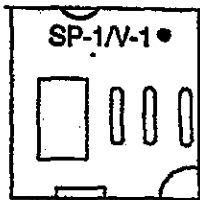
10-93

DATE SIGNED

374152

C57 LICENSE NUMBER

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-1/V-1

PAGE 1 OF 2

PROJECT NO. 330-19.12

LOGGED BY: RH

DRILLER: BAYLAND

DRILLING METHOD: HSA

SAMPLING METHOD: CONT CORE

CASING TYPE: Sch 40 PVC

SLOT SIZE: 0.020"/0.040"

GRAVEL PACK: 2 X 12 Medium Aquarium Sand CASING STICKUP: NA

CLIENT: ARCO

DATE DRILLED: 8-12-93

LOCATION: 699 San Antonio Road

HOLE DIAMETER: 10"

HOLE DEPTH: 23.5'

WELL DIAMETER: 2 1/2"

WELL DEPTH: 23.5'/11'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dp			1			CL	ASPHALT AND BASEROCK
				2				
				3				
		125		4				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; 5% gravel; caliche nodules; trace wood; fill material; soft; moderate product odor.
				5				@4': as above; gray; 20% silt; 10% fine to coarse sand; firm; strong product odor.
		62		6				
				7				
		2400		8				
	Wet			9			SC	CLAYEY SAND: olive gray to dark greenish gray; 10-20% clay; fine to medium sand; 5% coarse sand; strong product odor.
	Sat			10				
		61		11				@11': moderate product odor.
				12				
				13				
				14				
		18		15				@15': moderate product odor.
				16				
				17				
	Sat			18			SP	SAND: dark olive gray; clean fine sand; flowing; no product odor.
				19				
				20			SP-SC	SAND: brown; 5-15% clay; fine to medium sand; 5% coarse sand; flowing; no product odor.
				21				
				22			SC	CLAYEY SAND: brown; 15-40% clay; fine to medium sand; no product odor.

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-1/V-1

PAGE 2 OF 2

See Page One

PROJECT NO. 330-19.12

LOGGED BY:

DRILLER:

DRILLING METHOD:

SAMPLING METHOD:

CASING TYPE:

SLOT SIZE:

GRAVEL PACK:

CLIENT: ARCO

DATE DRILLED:

LOCATION:

HOLE DIAMETER:

HOLE DEPTH:

WELL DIAMETER:

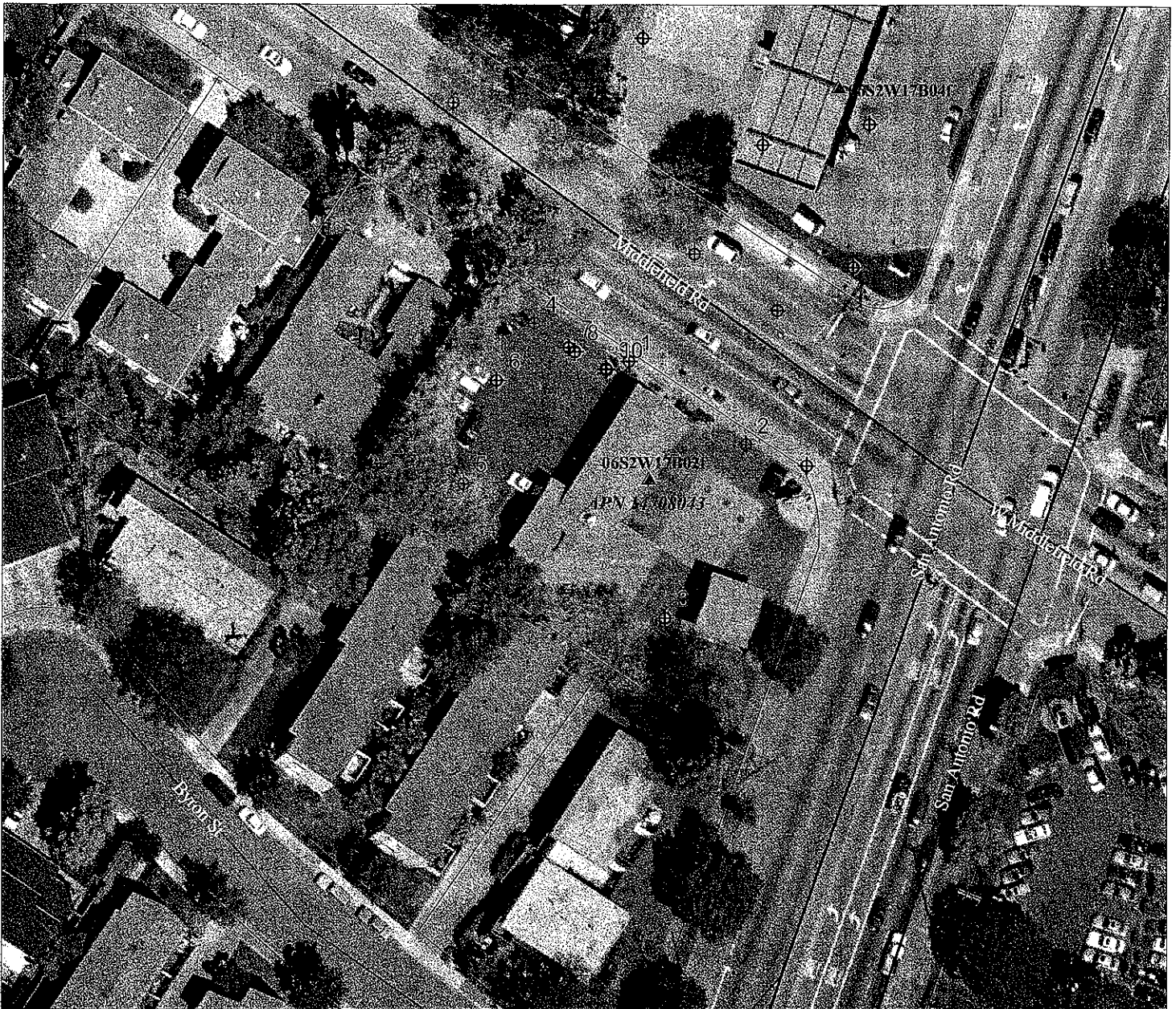
WELL DEPTH:

CASING SETBACK:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
SAND				23			SC CL	CLAYEY SAND - continued. CLAY: grayish brown; moderate plasticity; no product odor.
				24				
				25				
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				

BOTTOM OF BORING 23.5'

699 San Antonio Rd



Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

- Wells.shp
- ⊕ Water Supply - Active
 - ⊕ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- ▲ FuelLeak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

35 0 35 70 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00660

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station # 0716
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 699 San Antonio Road
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Palo Alto, CA
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 06502W17B048	Owner/Consultant Well No.: SP-2	Original Well Construction Permit No.: 93W0692
Well Casing Depth: 17.5' and 12'	Total Boring Depth: 18.5'	Well Casing Diameter: 2" and 2"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
Well Description:		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input checked="" type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
Well Type: check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input checked="" type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input type="checkbox"/> Piezometer
<input type="checkbox"/> Injection/Infiltration	<input checked="" type="checkbox"/> Groundwater	<input type="checkbox"/> Interface
<input type="checkbox"/> Cathodic Protection	<input type="checkbox"/> Vadose	<input type="checkbox"/> Suction Lysimeter
<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water	<input type="checkbox"/> Seismic
<input type="checkbox"/> Air Sparging		

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Type of Original Drilling Method:			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal. Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120. Please allow 10 working days to process permit application.

SEP 12 2005

S.C.V.W.D.

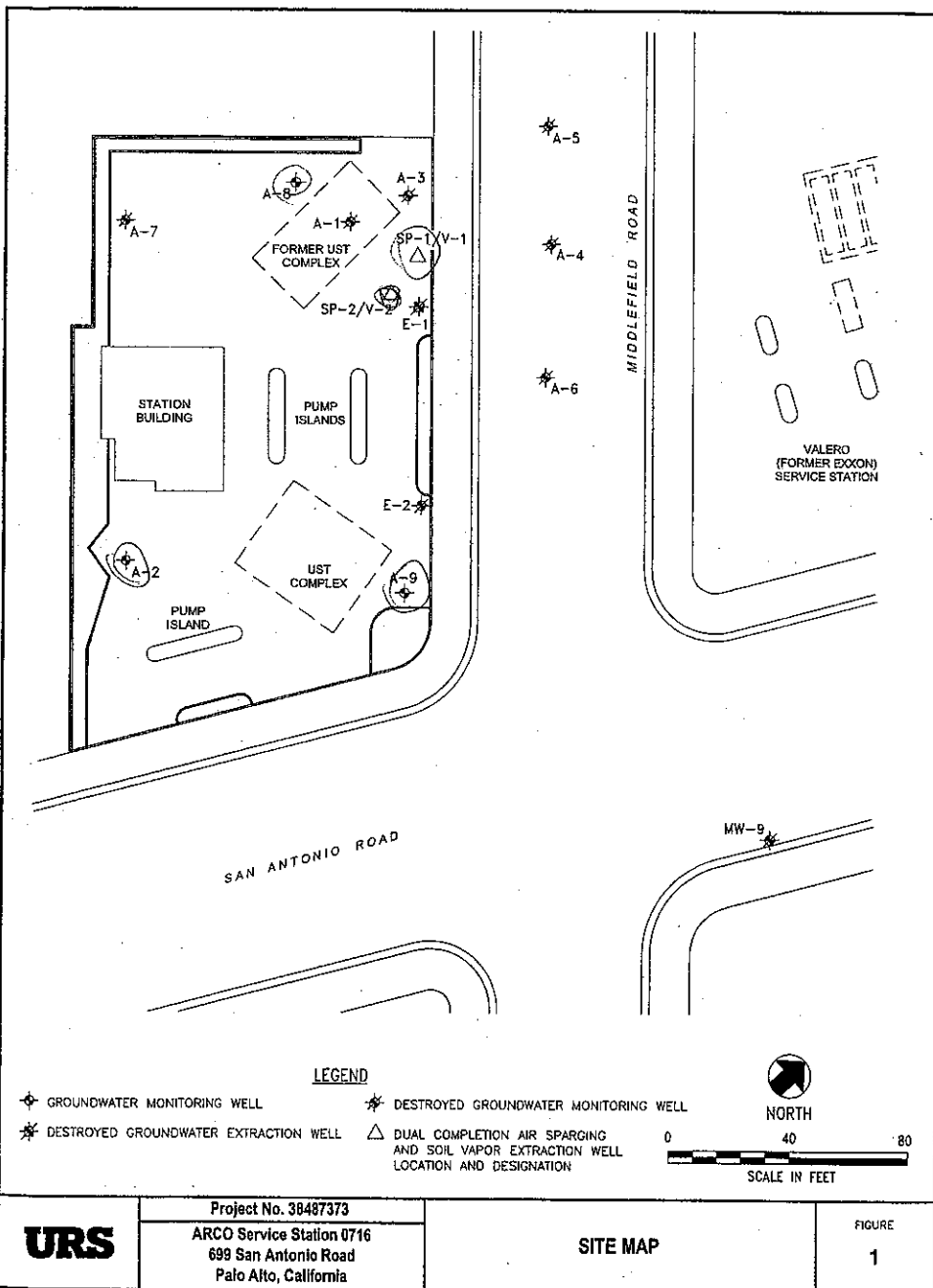
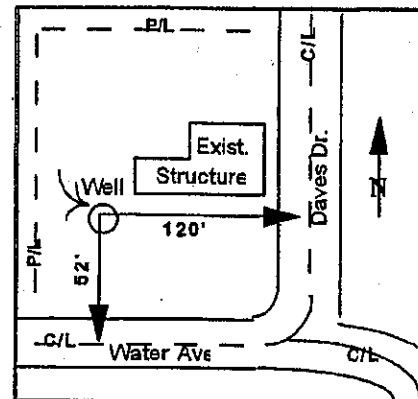
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Please allow 10 working days to process this application.



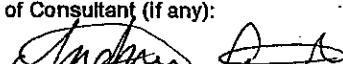
Please describe, in detail, the proposed destruction method*: _____

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Andrew Fowler / URS for Atlantic Richfield Co	Date: 9/6/05
Signature of Driller/Agent: 	Print Name: Andrew Fowler / URS for Gregg Drilling	Date: 9/6/05
Signature of Consultant (if any): 	Print Name: Andrew Fowler URS	Date: 9/6/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☐ Pressure Grout Method (as outlined in Standards).


NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 18 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: Nested well
2' seal

Permit Approved By: 		Date: <u>9-27-05</u>	
District Permit No.: <u>05D00660</u>	Date Issued: <u>9-28-05</u>	Expiration Date: <u>3-28-06</u>	Driller's Log No.: <u>030296</u>

Please allow 10 working days to process this application.



GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 9-7-93	Permit No.: 93W0692
Inspector: DAVE TOZRYA	Date of Inspection: 8-13-93	Well Registration No.: SP-2/0652W17B40A
Well Owner: ARCO		
Address of Well Site: 699 SAN ANTONIO RD.		City or County: PALO ALTO
Drilling Company: BAYLANDS DRILLING	Consultant: PEG	

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
- ☒ *Groundwater
- ☐ *Other

- Well completed according to provisions of Santa Clara Valley Water District Permit ☐ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 2'

Comments: TD - 18 1/2' 2" PVC CASING
 2' SEAL - 14 1/2" UP TO 12 1/2" - NEAR CURRENT BENTONITE SEAL
 Hollow Stem Auger NESTED WELL

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

ORIGINAL
File with DWR

Page 2 of 2 (part of V-2)
Owner's Well No. 93W0692
Date Work Began 8-12-93 Ended 8-12-93 No. 466258

Local Permit Agency SCVWD

Permit No. 93W0692

Permit Date 5-10-93

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

DWR USE ONLY - DO NOT FILL IN

516502W17B1401A

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

ORIENTATION () VERTICAL HORIZONTAL ANGLE (SPECIFY)

DEPTH TO FIRST WATER (FL) BELOW SURFACE

DEPTH FROM SURFACE

FL. to FL.

DESCRIPTION

Describe material, grain size, color, etc.

SEE ATTACHED

SS# 716

TOTAL DEPTH OF BORING (Feet)

TOTAL DEPTH OF COMPLETED WELL (Feet)

WELL OWNER

Name APD

Mailing Address PO BOX 5811

City San Mateo State CA ZIP 94402

WELL LOCATION

Address 699 San Antonio

City PAID LTD

County Santa Clara

APN Book 147 Page 08 Parcel 043

Township Range Section

Latitude Longitude

LOCATION SKETCH

NORTH

SOUTH

Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY ()

☒ NEW WELL

MODIFICATION/REPAIR

☐ Deeper

☐ Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S)

☒ MONITORING

☒ WATER SUPPLY

☐ Domestic

☐ Public

☐ Irrigation

☐ Industrial

☐ "TEST WELL"

☐ CATHODIC PROTECTION

☐ OTHER (Specify)

DRILLING METHOD Hollow Stem FLUID

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL (FL) & DATE MEASURED

ESTIMATED YIELD* (GPM) & TEST TYPE

TEST LENGTH (hrs.) TOTAL DRAWDOWN (FL.)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)						DEPTH FROM SURFACE	ANNULAR MATERIAL			
		TYPE ()	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	FL. to FL.		TYPE	CEMENT ()	BENTONITE ()	FILL ()
FL. to FL.		BLANK	SCREEN	COR. DISC	PIPE			FL. to FL.				
<u>SEE ATTACHED</u>												

ATTACHMENTS ()

☒ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analyses

☐ Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME R. Barrick for Baylands

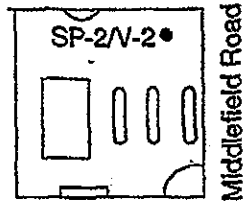
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINTED)

Address 811 Hamilton City Menlo Park State CA ZIP 94025

Signed R. Barrick DATE SIGNED 10/93 374152

WELL DRILLER/AUTHORIZED REPRESENTATIVE

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-2/V-2

PAGE 1 OF 1

PROJECT NO. 330-19.12
 LOGGED BY: RH
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: CONT CORE
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"/0.040"
 GRAVEL PACK: 2 X 12 Medium Aquarium Sand

CLIENT: ARCO
 DATE DRILLED: 8-12-93
 LOCATION: 699 San Antonio Road
 HOLE DIAMETER: 10"
 HOLE DEPTH: 18.5'
 WELL DIAMETER: 2 1/2"
 WELL DEPTH: 17.5/12'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry	280		1			CL	ASPHALT AND BASEROCK
				2				
		155		3				
				4				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; trace caliche; trace wood fragments; fill material; strong product odor.
		150		5				@4': as above; gray with trace grayish green blebs; 20% silt; 5-10% fine to medium sand; trace rootholes; strong product odor.
				6				
		285		7				
	Wet			8				
	Sat			9			SC	CLAYEY SAND: dark greenish gray; 15-30% clay; fine to medium sand; <10% coarse sand; strong product odor.
		2200		10				@10-10.5': strong sheen; very strong product odor.
				11				@11': moderate product odor.
		25		12				@12': dark grayish brown; no product odor.
				13				
				14				
		14		15				
				16				
				17			CL	SILTY CLAY: grayish brown; low plasticity; 15% silt; 10% fine sand; no product odor.
		16		18				
				19				
				20				
				21				
				22				
								BOTTOM OF BORING AT 18.5'

699 San Antonio Rd

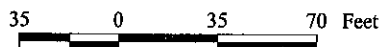


Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale



5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00728

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station # 0716
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 699 San Antonio Road
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Palo Alto, CA
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 147 Page: 08 Parcel: 043
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 06S02W17B049	Owner/Consultant Well No.: V-2	Original Well Construction Permit No.: 93W0691
Well Casing Depth: 12'	Total Boring Depth: 18.5'	Well Casing Diameter: 2"

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
Well Description:		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input checked="" type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Well	<input type="checkbox"/> Pit Well
Well Type: check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input checked="" type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input checked="" type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input checked="" type="checkbox"/> Groundwater
<input checked="" type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input checked="" type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Type of Original Drilling Method:

<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger	<input type="checkbox"/> Other:
---------------------------------	-------------------------------------	--	---	---------------------------------

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 23 2005

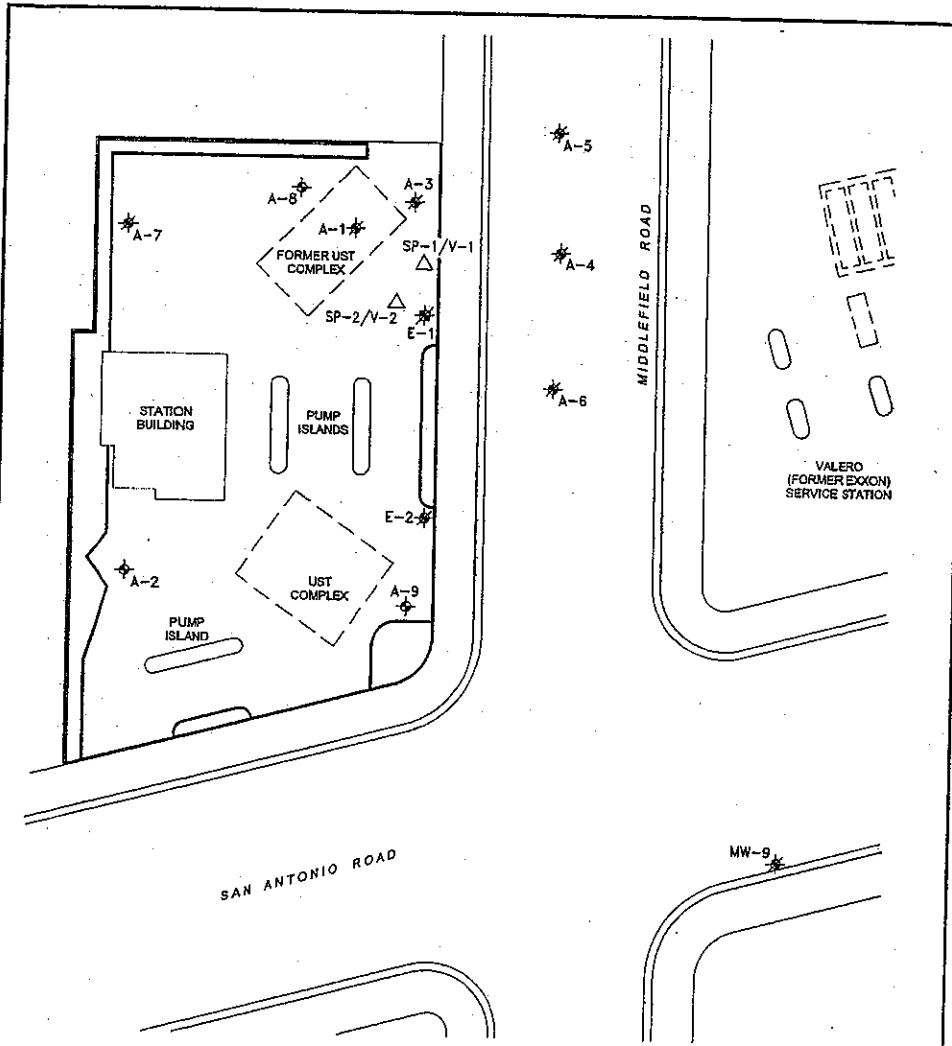
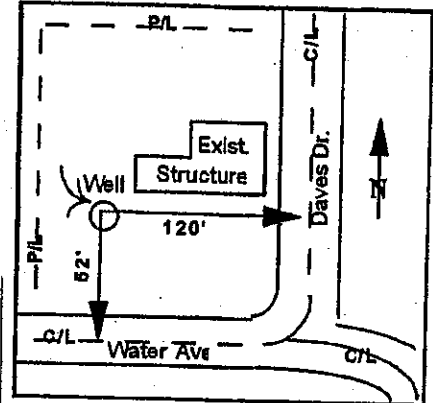
Site Plan

WELL LOCATION

(Draw accurately; recommend using assessor's map)

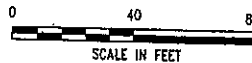
1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



LEGEND

- ✦ GROUNDWATER MONITORING WELL
- ✦ DESTROYED GROUNDWATER MONITORING WELL
- ✦ DESTROYED GROUNDWATER EXTRACTION WELL
- △ DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



URS

Project No. 38487373
ARCO Service Station 0716
689 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: <i>John Muli</i>	Print Name: John M'URS for Atlantic Richfield Co	Date: 9-22-05
Signature of Driller/Agent: <i>John Muli</i>	Print Name: John M'URS for Gregg Drilling	Date: 9-22-05
Signature of Consultant (if any): <i>John Muli</i>	Print Name: John M'URS	Date: 9-22-05

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 18.5 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: <i>B. Carr</i>		Date: <u>10-6-05</u>	
District Permit No.: <u>05D00728</u>	Date Issued: <u>10-6-05</u>	Expiration Date: <u>4-6-06</u>	Driller's Log No.: <u>031000</u>

Please allow 10 working days to process this application.



GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 9-7-93	Permit No.: 73W 0691
Inspector: DNE FORANA	Date of Inspection: 8-13-93	Well Registration No.: V-2 / 0652W17B41A
Well Owner: ARCO		
Address of Well Site: 679 SAN ANTONIO RD.	City or County: PAXO ALTO	
Drilling Company: Baylands Drilling	Consultant: PEB	

PURPOSE OF WELL:

- | | |
|---|--|
| <input type="checkbox"/> Domestic | <input checked="" type="checkbox"/> *Monitoring Well Use |
| <input type="checkbox"/> Agricultural | <input checked="" type="checkbox"/> *Vadose |
| <input type="checkbox"/> Municipal/Industrial | <input type="checkbox"/> *Groundwater |
| <input type="checkbox"/> Cathodic Protection | <input type="checkbox"/> *Other |

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal - 5'

Comments: TD - 12 1/2' 2" PVC Casing
5' - NEAR SEAL SOIL
Hollow Seal Anchor Nested Well

Distribution: White - Well Section Yellow - Water Revenue Pink - Permitted Goldenrod - City/County

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. 8.12 73

Date Work Began 8.12

Local Permit Agency SWD

Permit No. 93W0691

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 466259

Permit Date 5-10-93

DWR USE ONLY - DO NOT FILL IN

065102W/7B4/1A

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

ORIENTATION (°) VERTICAL HORIZONTAL ANGLE (SPECIFY)

DEPTH TO FIRST WATER (FL) BELOW SURFACE

DEPTH FROM SURFACE

DESCRIPTION

Describe material, grain size, color, etc.

SEE ATTACHED Log

SS# 710

TOTAL DEPTH OF BORING (Feet)

TOTAL DEPTH OF COMPLETED WELL (Feet)

WELL OWNER

Name ARCO

Mailing Address PO BOX 5811

City San Mateo State CA ZIP 94402

WELL LOCATION

Address 699 San Antonio

City Fairfield

County Santa Clara

APN Book 147 Page 08 Parcel 043

Township Range Section Section

Latitude DEG. MIN. SEC. NORTH Longitude DEG. MIN. SEC. WEST

LOCATION SKETCH

SEE ATTACHED

ACTIVITY (°)

☒ NEW WELL

☐ MODIFICATION/REPAIR

☐ Deepen

☐ Other (Specify)

☐ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S)

☒ MONITORING

☒ WATER SUPPLY

☐ Domestic

☐ Public

☐ Irrigation

☐ Industrial

☐ "TEST WELL"

☐ CATHODIC PROTECTION

☐ OTHER (Specify)

DRILLING METHOD Hollow Stem FLUID WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL (FL) & DATE MEASURED

ESTIMATED YIELD* (GPM) & TEST TYPE

TEST LENGTH (Hrs.) TOTAL DRAWDOWN (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)					DEPTH FROM SURFACE	ANNULAR MATERIAL			
		TYPE (°)	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)		TYPE	CEMENT (°)	BENTONITE (°)	FILL (°)
FL. to FL.		BLANK SCREEN CONDUIT FILL PIPE					FL. to FL.				
SEE ATTACHED											

ATTACHMENTS (°)

☒ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analyses

☐ Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

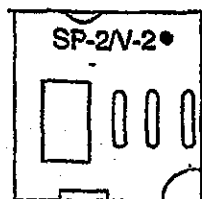
NAME R. Farrick for Baylands

ADDRESS 811 Hamilton CITY Menlo Park STATE CA ZIP 94025

Signed R. Farrick DATE SIGNED 10/93 C/S LICENSE NUMBER 374152

WELL DRILLER/AUTHORIZED REPRESENTATIVE

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-2V-2

PAGE 1 OF 1

PROJECT NO. 330-19.12

LOGGED BY: RH

DRILLER: BAYLAND

DRILLING METHOD: HSA

SAMPLING METHOD: CONT CORE

CASING TYPE: Sch 40 PVC

SLOT SIZE: 0.020"/0.040"

GRAVEL PACK: 2 X 12 Medium Aquarium Sand

CLIENT: ARCO

DATE DRILLED: 8-12-93

LOCATION: 699 San Antonio Road

HOLE DIAMETER: 10"

HOLE DEPTH: 18.5'

WELL DIAMETER: 2 1/2"

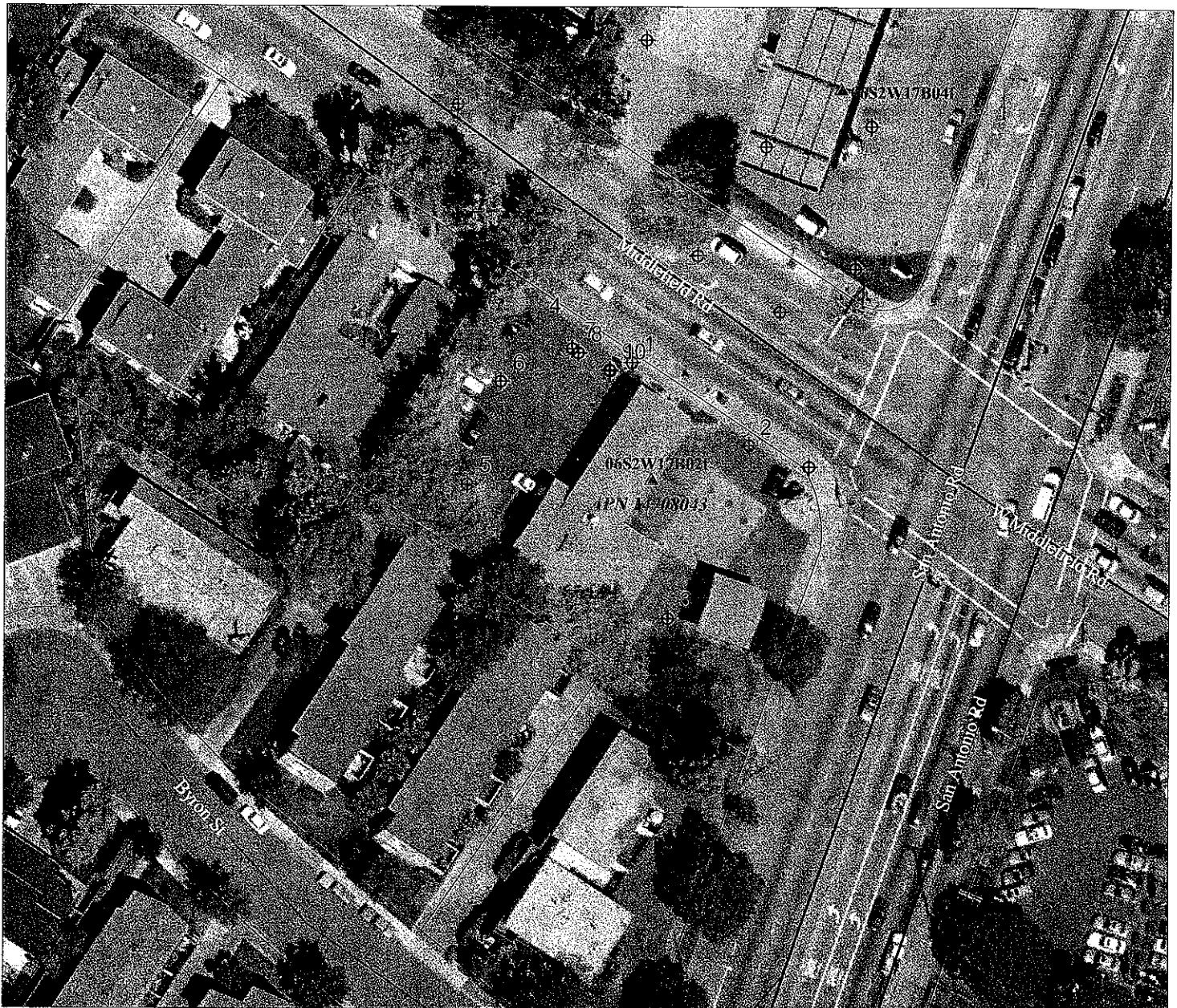
WELL DEPTH: 17.5'/12'

CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry	280		1			CL	ASPHALT AND BASEROCK
		155		2				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; trace caliche; trace wood fragments; fill material; strong product odor.
		150		3				
		285		4				@4': as above; gray with trace grayish green blebs; 20% silt; 5-10% fine to medium sand; trace rootholes; strong product odor.
				5				
				6				
				7				
	Wet			8				
	Sat	2200		9			SC	CLAYEY SAND: dark greenish gray; 15-30% clay; fine to medium sand; <10% coarse sand; strong product odor.
				10				@10-10.5': strong sheen; very strong product odor.
		25		11				@11': moderate product odor.
				12				@12': dark grayish brown; no product odor.
				13				
				14				
		14		15				
				16				
				17			CL	SILTY CLAY: grayish brown; low plasticity; 15% silt; 10% fine sand; no product odor.
		16		18				
				19				
				20				
				21				
				22				
								BOTTOM OF BORING AT 18.5'



699 San Antonio Rd



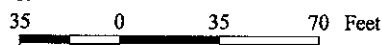
Well Annotations- 10 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S02W17B006	04D00346	E-2	Destroyed	6095890	1978068
2	06S02W17B007	04D00547	E-1	Destroyed	6095941	1978032
3	06S02W17B009	85W0423	A-2	Other-Active	6095906	1977955
4	06S02W17B010	04D00344	A-3	Destroyed	6095848	1978085
5	06S02W17B028	04D00348	A-7	Destroyed	6095817	1978014
6	06S02W17B030	90W0545	A-8	Other-Active	6095832	1978060
7	06S02W17B046	93W0690	SP-1	Other-Active	6095863	1978074
8	06S02W17B047	93W0689	V-1	Other-Active	6095866	1978072
9	06S02W17B048	93W0692	SP-2	Other-Active	6095880	1978065
10	06S02W17B049	93W0691	V-2	Other-Active	6095880	1978065

Wells.shp

- Water Supply - Active
- Water Supply - Standby
- Water Supply - Inactive
- Extraction (Env) - Active
- Extraction (Env) - Inactive
- Other - Active
- Other - Inactive
- Abandoned
- Destroyed
- Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5

Approximate Scale



Attachment B

DWR Well Completion Reports

(Original copy submitted to the SCVWD Wells Division)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FOE 218 (08-14-98)

Inspector: <u>Henningsen</u>		Date of Inspection: <u>11-7-05</u>		Permit: <u>05D000057</u>	
Owner/Consultant No.: <u>A-2</u>			Well Registration No.: <u>06502W172009</u>		
Well Owner: <u>Atlantic Ridge Road</u>		Address of Well Site: <u>199 San Antonio Road</u>		City or County: <u>Palo Alto</u>	
Drilling Company: <u>Grass</u>		Consultant: <u>UP</u>			
Well Depth: <u>15'</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>3"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: <u>to</u>			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry		
			<input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____					

Distribution: ORIGINAL Permit File: YELLOW City/County: PINK Well File: GOLDENROD Permittee

LOG OF EXPLORATORY BORING

PROJECT NUMBER 438-55.02

BORING NO. A-2

BY EG DATE 3/28/85

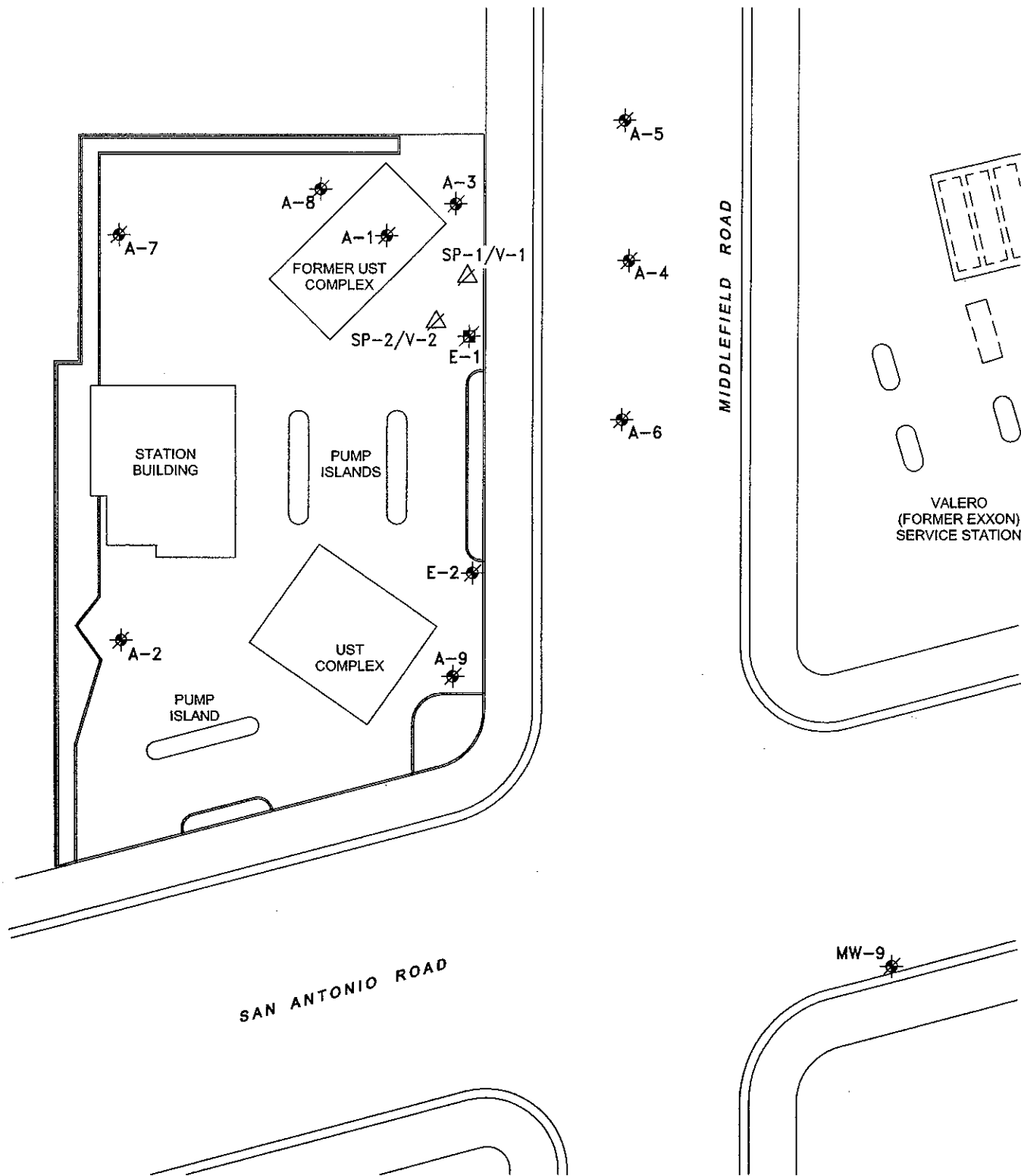
SURFACE ELEV.

CLASSIFICATION DATA			FIELD DATA			Depth in Ft.	Ground Water Levels	Samples	DESCRIPTION
% Fines (-No.200)	Liquid Limit	Plasticity Index	Perfs	Compressive Strength (TSF)	Penetration (Blows/Ft.)				
						5			ASPHALT
						10			CLAY - Very dark grayish brown (10YR 4/2), 25% fine to medium sand, trace coarse sand, silty - soft, damp
						15			(4': Becomes dark gray (5Y 4/1), 10% fine to medium gravel, slight caliche mottle - hard, damp, no product odor)
						20			(7': Olive gray (5Y 4/2), 15% fine to coarse sand, 20% fine to coarse gravel, silty - very stiff, wet, no product odor)
						25			CLAY CONTAINS THIN (< 3") CLAYEY GRAVEL INTERBEDS: CLAY - Olive gray (5Y 4/2), 15% fine to coarse sand, 20% fine to coarse gravel, silty - stiff, wet, no product odor; CLAYEY GRAVEL - Olive gray, 10-15% clay, 35% fine to coarse sand, 50-55% fine to coarse gravel - loose, wet, no product odor
						30			BOTTOM OF BORING
						35			




REMARKS: Boring was converted to a ground-water monitoring well by the installation of 15 feet of 3-inch PVC casing. The lower 11 feet of casing was slotted and the annular space was backfilled with well pack sand from 15 feet to 3 feet. A bentonite-concrete seal was placed from 3 feet to the surface. The well was capped with a protective vault box.



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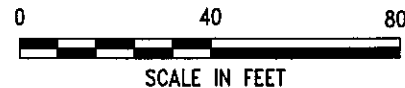


LEGEND

-  DESTROYED GROUNDWATER MONITORING WELL
-  DESTROYED GROUNDWATER EXTRACTION WELL
-  DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



NORTH



SCALE IN FEET

URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE

1

GEOLOGIC LOG				WELL OWNER			
ORIENTATION (✓)		<input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE <input type="checkbox"/> (SPECIFY)		Name <u>Atlantic Richfield Co.</u>			
DRILLING METHOD		FLUID		Mailing Address <u>P.O. Box 6549</u>			
DEPTH FROM SURFACE		DESCRIPTION		<u>Moraga, CA 94570</u>			
Fl. to Fl.		Describe material, grain size, color, etc.		CITY STATE ZIP			
		See attached boring log.		WELL LOCATION			
		Well casing was pressure grouted from ground surface to 18 ft. bgs.		Address <u>699 San Antonio Rd.</u>			
				City <u>Palo Alto</u>			
				County <u>Santa Clara</u>			
				APN Book <u>147</u> Page <u>08</u> Parcel <u>043</u>			
				Township _____ Range _____ Section _____			
				Latitude _____ North _____ West _____			
				Longitude _____ Deg. Min. Sec. _____			
				LOCATION SKETCH			
				NORTH _____			
				WEST _____			
				EAST _____			
				SOUTH _____			
				Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.			
				WATER LEVEL & YIELD OF COMPLETED WELL			
				DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE			
				DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____			
				ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____			
				TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)			
				* May not be representative of a well's long-term yield.			
TOTAL DEPTH OF BORING <u>20.5</u> (Feet)							
TOTAL DEPTH OF COMPLETED WELL <u>18</u> (Feet)							

[illegible]

ATTACHMENTS ()	CERTIFICATION STATEMENT
<input checked="" type="checkbox"/> Geologic Log <input checked="" type="checkbox"/> Well Construction Diagram <input type="checkbox"/> Geophysical Log(s) <input type="checkbox"/> Soil/Water Chemical Analyses <input checked="" type="checkbox"/> Other <u>map</u>	<p>I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.</p> <p>NAME <u>Gregg Drilling and Testing</u> <small>(PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)</small></p> <p><u>950 Howe Rd. Martinez, CA 94553</u> <small>ADDRESS CITY STATE ZIP</small></p> <p>Signed <u>John Zili for Gregg</u> <small>WELL DRILLER/AUTHORIZED REPRESENTATIVE</small></p> <p><u>12/16/05</u> <u>485165</u> <small>DATE SIGNED C-57 LICENSE NUMBER</small></p>
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.	

Santa Clara Valley Water District



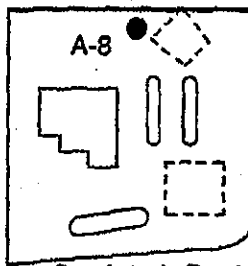
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>H. H. H.</u>		Date of Inspection: <u>11-2-05</u>		Permit: <u>05D00658</u>	
Owner/Consultant No.: <u>A-8</u>			Well Registration No.: <u>06502W17B030</u>		
Well Owner: <u>Mark R. Hild</u>		Address of Well Site: <u>689 San Antonio Road</u>		City or County: <u>San Jose</u>	
Drilling Company: <u>Gregg</u>		Consultant: <u>URS</u>			
Well Depth: <u>18'</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>3"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry		
			<input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____					

Distribution: **ORIGINAL** Permit File; **YELLOW** City/County; **PINK** Well File; **GOLDENROD** Permittee

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / A-8
BORING NO.
PAGE 1 OF 1

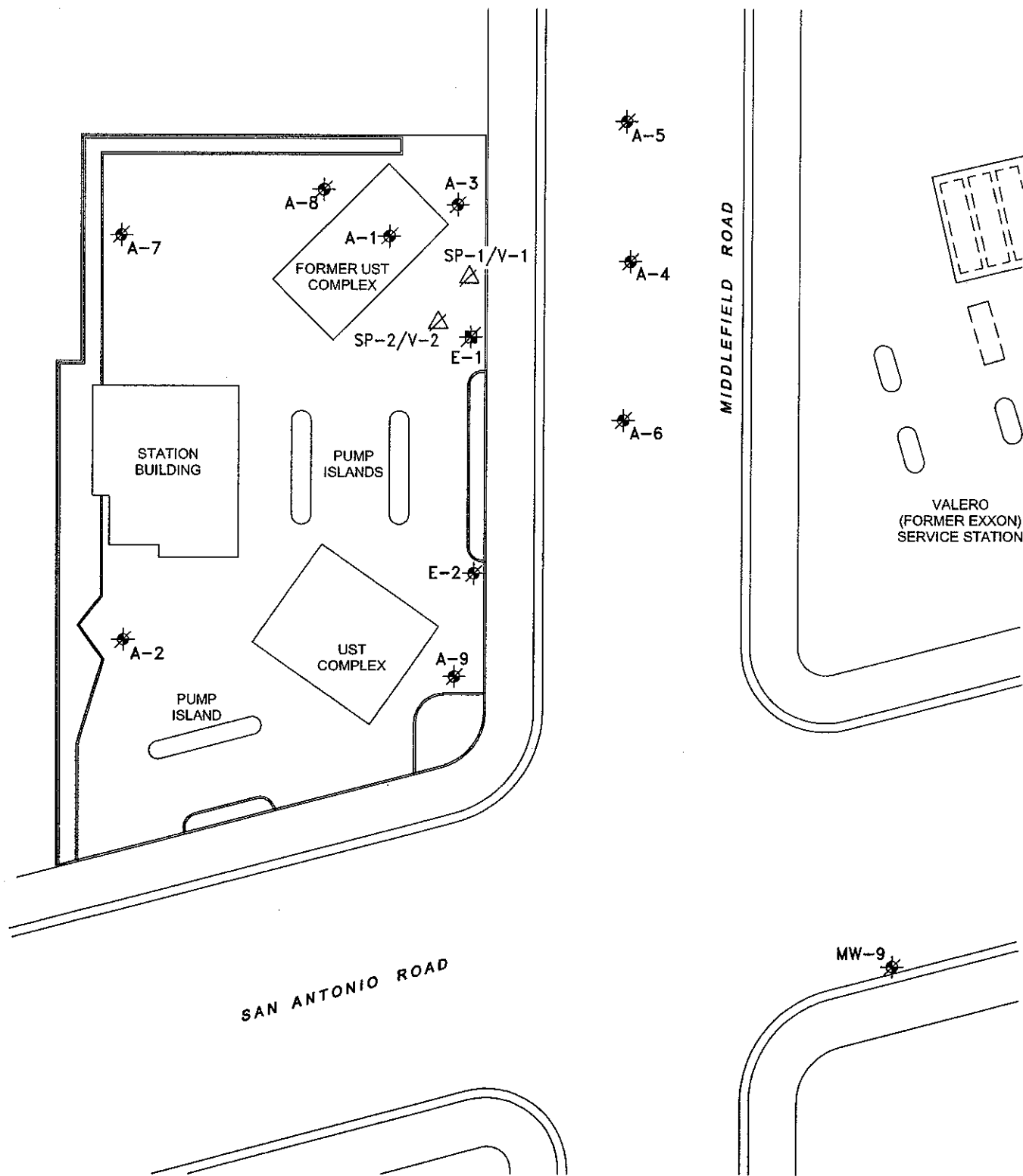
PROJECT NO. 330-19.05
LOGGED BY: JC/DKU
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 12 X 20 SAND

CLIENT: ARCO
DATE DRILLED: 3-28-90
LOCATION: San Antonio Road
HOLE DIAMETER: 8"
HOLE DEPTH: 20.5'
WELL DEPTH: 18'
WELL DIAMETER: 3"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			SC	ASPHALT AND ROAD BASE
				4			CH	CLAYEY SAND; fill; brown; fine to coarse sand; 15% fines; no product odor.
				6				
				8				
				10			SC	CLAY; grayish brown; high plasticity; 20% very fine sand; sub angular blocky; dry rootholes <1mm with iron oxide and root materials; light gray patches of calcium carbonate clay; 15% organic clay material; very stiff; no product odor.
	Dp	10.4	PUSH					
				12				
	Mst	23.0	8					
				14			CL	CLAYEY SAND; gray; 25-30% clay and silt; fine to medium sand; trace coarse; loose; no product odor.
				16				
	Wt	11.0	16					
				18				
				20			SC	CLAY; light grayish brown; moderate to high plasticity; 20% fine to medium sand; 20% sub-angular to well rounded; chert; trace coarse sand; weak sub angular blocky; light gray mottling; stiff; no product odor.
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 20.5'
WELL ELEVATION 15.13' - MSL

X:\waste\BP_GEM\Sites\Lynelle Onishi - SCYHD ARCO Sites\2005 Well Destructions\716\Report\0716_SiteMap_5Dec05.dwg

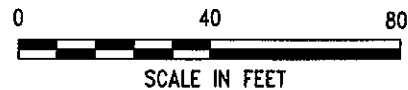


LEGEND

- ✱ DESTROYED GROUNDWATER MONITORING WELL
- ✱ DESTROYED GROUNDWATER EXTRACTION WELL
- △ DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



NORTH



SCALE IN FEET

URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

ORIGINAL
File with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN

06S02W17B029											
STATE WELL NO./STATION NO.											
LATITUDE						LONGITUDE					
APN/TRS/OTHER											

Page 1 of 4
Owner's Well No. A-9 No. e030295
Date Work Began 11-7-05 Ended 11-7-05
Local Permit Agency SCVWD
Permit No. 05D00659 Permit Date 9-28-05

GEOLOGIC LOG

ORIENTATION (✓) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE ☐ (SPECIFY)

DEPTH FROM SURFACE
Ft. to Ft.

DESCRIPTION
Describe material, grain size, color, etc.

See attached boring log.
well casing was pressure
grouted from ground surface
to 16.5 ft. bgs.

TOTAL DEPTH OF BORING 16.5 (Feet)
TOTAL DEPTH OF COMPLETED WELL 16.5 (Feet)

WELL OWNER

Name Atlantic Richfield Co.
Mailing Address P.O. Box 6549
Moraga, CA 94570
CITY Moraga STATE CA ZIP 94570

WELL LOCATION

Address 699 San Antonio Rd.
City Palo Alto
County Santa Clara
APN Book 147 Page 08 Parcel 043
Township Range Section 043
Latitude DEG. MIN. SEC. NORTH Longtitude DEG. MIN. SEC. WEST

LOCATION SKETCH

See attached map.

ACTIVITY (✓)

☐ NEW WELL
☐ MODIFICATION/REPAIR
— Deepen
— Other (Specify)

☒ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (✓)

WATER SUPPLY
— Domestic — Public
— Irrigation — Industrial

MONITORING ☐
TEST WELL ☐
CATHODIC PROTECTION ☐
HEAT EXCHANGE ☐
DIRECT PUSH ☐
INJECTION ☐
VAPOR EXTRACTION ☐
SPARGING ☐
REMEDICATION ☐
OTHER (SPECIFY) ☐

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL (Ft.) & DATE MEASURED
ESTIMATED YIELD * (GPM) & TEST TYPE
TEST LENGTH (Hrs.) TOTAL DRAWDOWN (Ft.)
* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING (S)					ANNULAR MATERIAL									
				TYPE (✓)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE						
Ft.	to	Ft.	BLANK	SCREEN	CON- DUCTOR	FILL PIPE									Ft.	to	Ft.	CE- MENT
0	6		X				PVC	3	40	—								
6	16.5			X			↓	↓	↓	.02								

ATTACHMENTS (✓)

☒ Geologic Log
☒ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☒ Other map

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Gregg Drilling and Testing
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 950 Howe Rd. Martinez, CA 94553
CITY Martinez STATE CA ZIP 94553
Signed Jh Juli for Gregg DATE SIGNED 12/16/05 C-57 LICENSE NUMBER 485165
WELL DRILLER/AUTHORIZED REPRESENTATIVE

Santa Clara Valley Water District



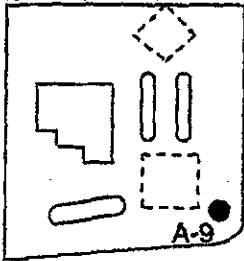
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>Hannaspe</u>		Date of Inspection: <u>1-7-05</u>		Permit: <u>05000659</u>	
Owner/Consultant No.: <u>A-9</u>		Well Registration No.: <u>065021117E029</u>			
Well Owner: <u>Charles R. P. Ltd</u>		Address of Well Site: <u>699 San Antonio Road</u>		City or County: <u>San Jose</u>	
Drilling Company: <u>Griggs</u>		Consultant: <u>URS</u>			
Well Depth: <u>16.5</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>3"</u>	Casing Material: <u>20K</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry	<input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate			<input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
<input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill			<input type="checkbox"/> Other (See Comments)		
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____		Long: _____			
Comments: _____					

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / A-9
BORING NO.
PAGE 1 OF 1

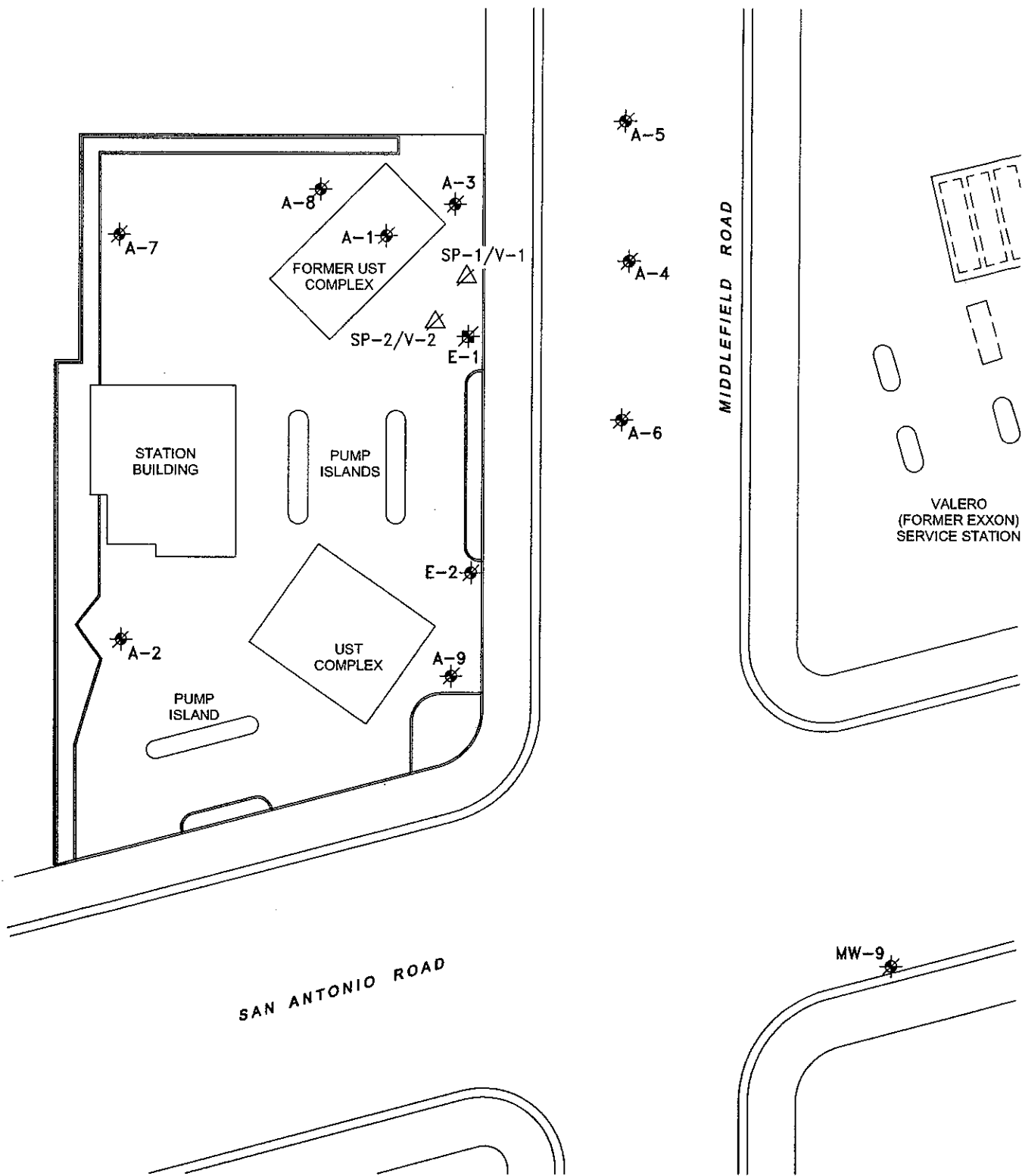
PROJECT NO. 330-19.05
LOGGED BY: JC/DKU
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 12 X 20 SAND

CLIENT: ARCO
DATE DRILLED: 3-28-90
LOCATION: San Antonio Road
HOLE DIAMETER: 8"
HOLE DEPTH: 16.5'
WELL DEPTH: 16.5'
WELL DIAMETER: 3"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">GROUT</div> <div style="margin-bottom: 10px;">BENTONITE</div> <div>SAND</div> </div>	Dp	70.0	PUSH	2			SC	ASPHALT; fill
				4			CH	CLAYEY SAND; fill; brown; fine to coarse sand; 10-20% fines
				6				
				8				
	Wt	11.0	24	10			SC	CLAYEY SAND; greenish gray; 20-25% clay and silt; fine to coarse sand; 10-20% very coarse sand and gravel; sub-angular; medium dense; no product odor.
				12				
	Wt	12.0	27	14			CL	CLAY; grayish brown; 10-20% fine sand; 15-25% medium to coarse sand; moderate plasticity; calcium carbonate clay patches (2-5 mm); hard; no product odor.
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 16.5'
WELL ELEVATION 13.84' - MSL

X:\b\env\waste\BP\GEM\Sites\Lynelle Onishi - SCVWD ARCO Sites\2005 Well Destructions\1716\Report\0716_SiteMap_5Dec05.dwg



LEGEND

- DESTROYED GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER EXTRACTION WELL
- DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



NORTH



URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

Santa Clara Valley Water District



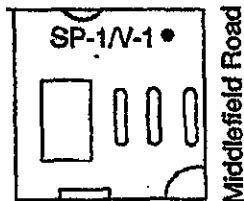
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <i>Hamm, see</i>		Date of Inspection: <i>11-7-05</i>		Permit: <i>05000661</i>	
Owner/Consultant No.: <i>SP-1</i>			Well Registration No.: <i>065024172046</i>		
Well Owner: <i>Monte's Richfield</i>		Address of Well Site: <i>699 San Antonio Road</i>		City or County: <i>San Jose</i>	
Drilling Company: <i>Griggs</i>		Consultant: <i>URS</i>			
Well Depth: <i>22.75</i>	Borehole Diameter: <i>8</i>	Casing Diameter: <i>2</i>	Casing Material: <i>ORC</i>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)					
GPS Coordinates: Lat: _____ Long: _____					
Comments: <i>1.1</i>					

Distribution: ORIGINAL Permit File; YELLOW City/County; PINK Well File; GOLDENROD Permittee

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-1/V-1

PAGE 1 OF 2

PROJECT NO. 330-19.12

LOGGED BY: RH

DRILLER: BAYLAND

DRILLING METHOD: HSA

SAMPLING METHOD: CONT CORE

CASING TYPE: Sch 40 PVC

SLOT SIZE: 0.020"/0.040"

GRAVEL PACK: 2 X 12 Medium Aquarium Sand CASING STICKUP: NA

CLIENT: ARCO

DATE DRILLED: 8-12-93

LOCATION: 699 San Antonio Road

HOLE DIAMETER: 10"

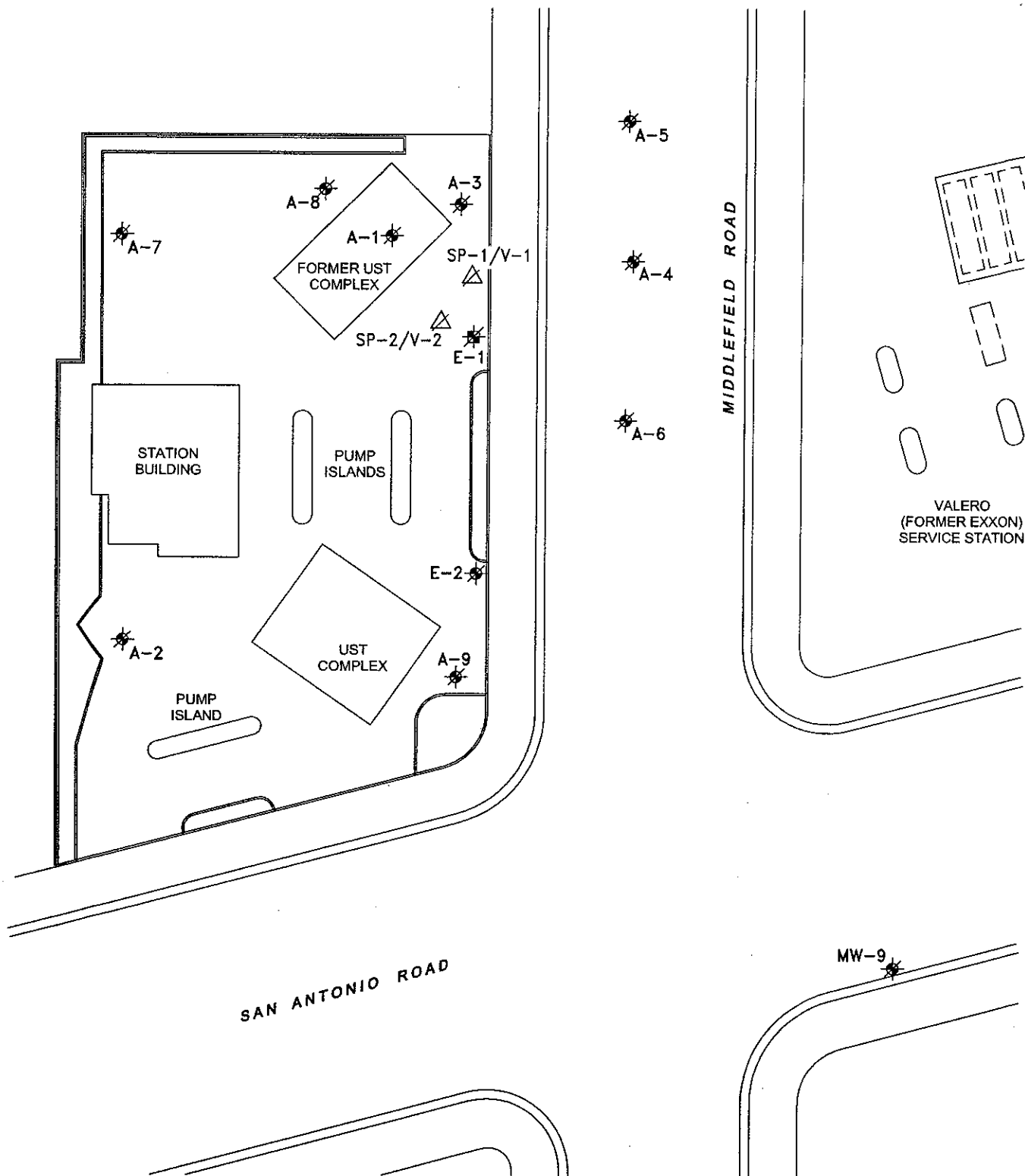
HOLE DEPTH: 23.5'

WELL DIAMETER: 2 1/2"

WELL DEPTH: 23.5/11'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1			CL	ASPHALT AND BASEROCK
				2				
				3				
		125		4				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; 5% gravel; caliche nodules; trace wood; fill material; soft; moderate product odor.
		62		5				@4': as above; gray; 20% silt; 10% fine to coarse sand; firm; strong product odor.
				6				
		2400		7				
				8				
				9			SC	CLAYEY SAND: olive gray to dark greenish gray; 10-20% clay; fine to medium sand; 5% coarse sand; strong product odor.
		61		10				
				11				@11': moderate product odor.
				12				
				13				
				14				
		18		15				@15': moderate product odor.
				16				
				17				
				18			SP	SAND: dark olive gray; clean fine sand; flowing; no product odor.
				19				
				20			SP-SC	SAND: brown; 5-15% clay; fine to medium sand; 5% coarse sand; flowing; no product odor.
				21			SC	CLAYEY SAND: brown; 15-40% clay; fine to medium sand; no product odor.
				22				

LOCATION MAP				PACIFIC ENVIRONMENTAL GROUP, INC.				WELL NO. SP-1/V-1 PAGE 2 OF 2	
See Page One				PROJECT NO. 380-19.12				CLIENT: ARCO	
				LOGGED BY:				DATE DRILLED:	
				DRILLER:				LOCATION:	
				DRILLING METHOD:				HOLE DIAMETER:	
				SAMPLING METHOD:				HOLE DEPTH:	
				CASING TYPE:				WELL DIAMETER:	
				SLOT SIZE:				WELL DEPTH:	
				GRAVEL PACK:				CASING STICKUP:	
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
SAND				23			SC CL	CLAYEY SAND - continued. CLAY: grayish brown; moderate plasticity; no product odor.	
				24				BOTTOM OF BORING 23.5'	
				25					
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					

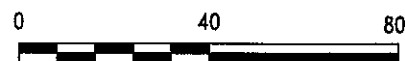


LEGEND

- ★ DESTROYED GROUNDWATER MONITORING WELL
- ★ DESTROYED GROUNDWATER EXTRACTION WELL
- △ DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



NORTH



SCALE IN FEET

URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

ORIGINAL
File with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

Page 1 of 5

Owner's Well No. V-1

No. e030999

Date Work Began 11-7-05, Ended 11-7-05

Local Permit Agency SCVWD

Permit No. 05D00727 Permit Date 10-6-05

DWR USE ONLY - DO NOT FILL IN

06502W17B047											
STATE WELL NO./STATION NO.											
LATITUDE						LONGITUDE					
APN/TRS/OTHER											

GEOLOGIC LOG

ORIENTATION (\angle) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE ☐ (SPECIFY)

DEPTH FROM SURFACE
Fl. to Fl.

DRILLING METHOD ☐ FLUID ☐

DESCRIPTION
Describe material, grain size, color, etc.

See attached boring log.
Well nested with SP-1.
Well casing was pressure grouted from ground surface to 11 ft bgs.

WELL OWNER

Name Atlantic Richfield Co.
Mailing Address P.O. Box 6549
Moraga, CA 94570
CITY Moraga STATE CA ZIP 94570

WELL LOCATION

Address 699 San Antonio Rd
City Palo Alto
County Santa Clara
APN Book 147 Page 08 Parcel 043
Township Range Section 043
Latitude DEG. MIN. SEC. NORTH Longitude DEG. MIN. SEC. WEST

LOCATION SKETCH

See attached map.

ACTIVITY (\angle)

☐ NEW WELL
☐ MODIFICATION/REPAIR
☐ Deepen
☐ Other (Specify)

☒ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (\angle)

WATER SUPPLY
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial

MONITORING ☐
TEST WELL ☐
CATHODIC PROTECTION ☐
HEAT EXCHANGE ☐
DIRECT PUSH ☐
INJECTION ☐
VAPOR EXTRACTION ☐
SPARGING ☐
REMEDIATION ☐
OTHER (SPECIFY) ☐

TOTAL DEPTH OF BORING 23.5 (Feet)
TOTAL DEPTH OF COMPLETED WELL 11 (Feet)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL (Ft.) & DATE MEASURED
ESTIMATED YIELD * (GPM) & TEST TYPE
TEST LENGTH (Hrs.) TOTAL DRAWDOWN (Ft.)
* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	CASING (S)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	DEPTH FROM SURFACE Ft. to Ft.	ANNULAR MATERIAL			
		TYPE (\angle)	TYPE (\angle)	TYPE (\angle)	TYPE (\angle)						TYPE	TYPE	TYPE	TYPE
0 to 6	10	X				PVC	2	40		See attached log.				
6 to 11			X						.04					

ATTACHMENTS (\angle)

☒ Geologic Log
☒ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☒ Other map

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Gregg Drilling and Testing
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 950 Howe Rd. Martinez, CA 94553
CITY Martinez STATE CA ZIP 94553

Signed Juan for Gregg DATE SIGNED 12/16/05
WELL DRILLER/AUTHORIZED REPRESENTATIVE C-57 LICENSE NUMBER 485165

Santa Clara Valley Water District



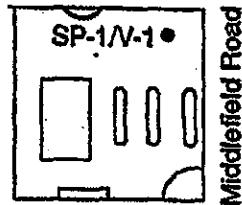
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>Hennessee</u>		Date of Inspection: <u>11-7-05</u>		Permit: <u>05000727</u>	
Owner/Consultant No.: <u>U-1</u>			Well Registration No.: <u>06503417B047</u>		
Well Owner: <u>Atlantic Richfield</u>		Address of Well Site: <u>199 San Antonio Road</u>		City or County: <u>San Mateo</u>	
Drilling Company: <u>Griggs</u>		Consultant: <u>URS</u>			
Well Depth: <u>9.5</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____ _____ _____					

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-1/V-1

PAGE 1 OF 2

PROJECT NO. 330-19.12

LOGGED BY: RH

DRILLER: BAYLAND

DRILLING METHOD: HSA

SAMPLING METHOD: CONT CORE

CASING TYPE: Sch 40 PVC

SLOT SIZE: 0.020"/0.040"

GRAVEL PACK: 2 X 12 Medium Aquarium Sand CASING STICKUP: NA

CLIENT: ARCO

DATE DRILLED: 8-12-93

LOCATION: 699 San Antonio Road

HOLE DIAMETER: 10"

HOLE DEPTH: 23.5'

WELL DIAMETER: 2 1/2"

WELL DEPTH: 23.5'/11'

CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1			CL	ASPHALT AND BASEROCK
				2				
				3				
				4				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; 5% gravel; caliche nodules; trace wood; fill material; soft; moderate product odor.
				5				@4': as above; gray; 20% silt; 10% fine to coarse sand; firm; strong product odor.
				6				
				7				
				8				
				9			SC	CLAYEY SAND: olive gray to dark greenish gray; 10-20% clay; fine to medium sand; 5% coarse sand; strong product odor.
				10				
				11				@11': moderate product odor.
				12				
				13				
				14				
				15				@15': moderate product odor.
				16				
				17				
				18			SP	SAND: dark olive gray; clean fine sand; flowing; no product odor.
				19				
				20				
				21			SP-SC	SAND: brown; 5-15% clay; fine to medium sand; 5% coarse sand; flowing; no product odor.
				22			SC	CLAYEY SAND: brown; 15-40% clay; fine to medium sand; no product odor.

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-1/V-1

PAGE 2 OF 2

See Page One

PROJECT NO. 330-19.12

LOGGED BY:

DRILLER:

DRILLING METHOD:

SAMPLING METHOD:

CASING TYPE:

SLOT SIZE:

GRAVEL PACK:

CLIENT: ARCO

DATE DRILLED:

LOCATION:

HOLE DIAMETER:

HOLE DEPTH:

WELL DIAMETER:

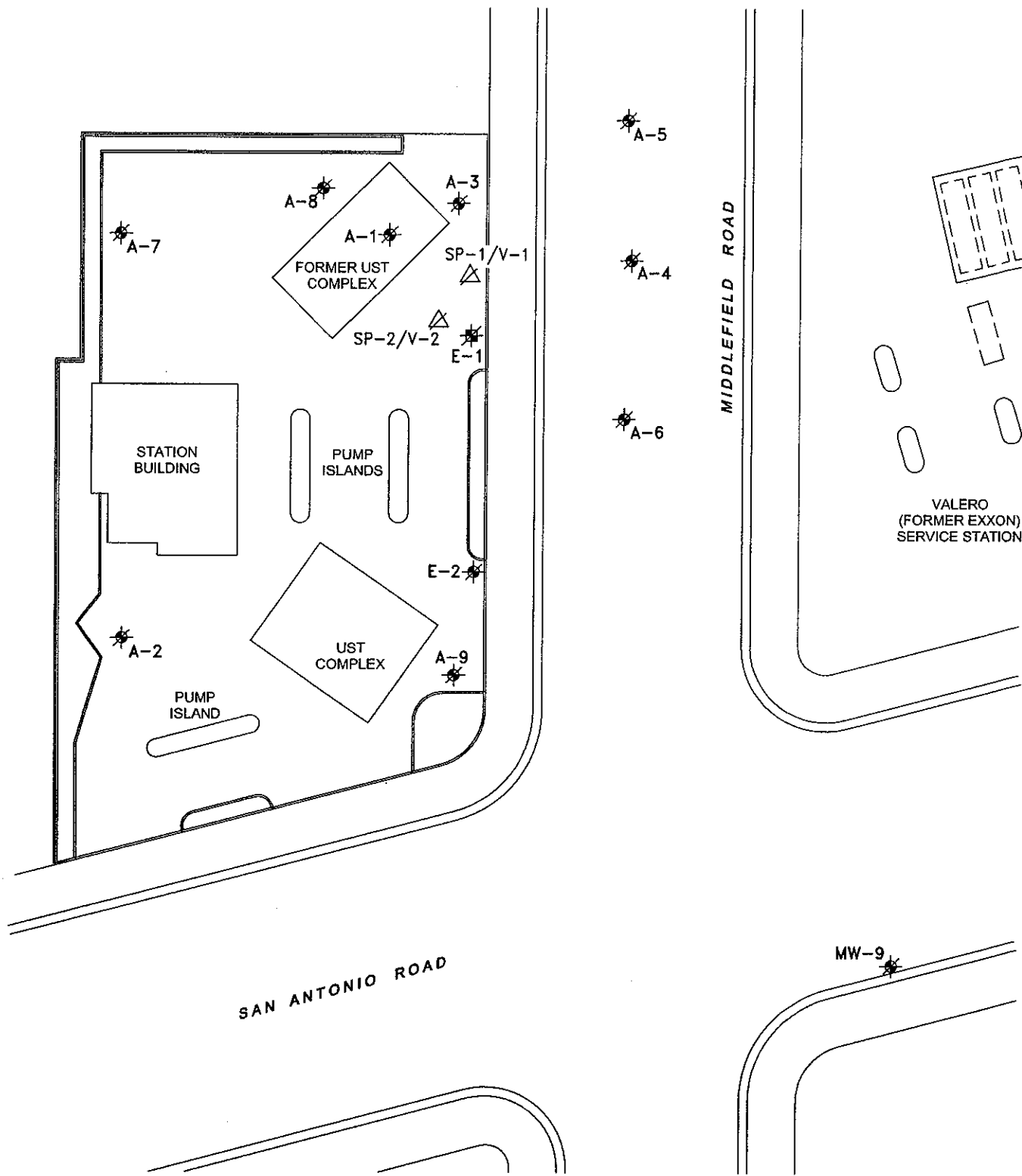
WELL DEPTH:

CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
SAND				23			SC CL	CLAYEY SAND - continued. CLAY: grayish brown; moderate plasticity; no product odor.
				24				
				25				
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				

BOTTOM OF BORING 23.5'

X:\env\waste\BP GEM\Sites\Lynelle Onishi - SCVWD ARCO Sites\2005 Well Destructions\1716\Report\0716 SiteMap_5Dec05.dwg



LEGEND

- DESTROYED GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER EXTRACTION WELL
- DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



NORTH



URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

Santa Clara Valley Water District



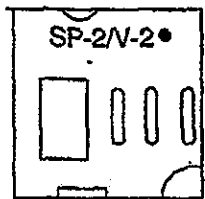
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>Hannay</u>		Date of Inspection: <u>11-7-95</u>		Permit: <u>05D00660</u>	
Owner/Consultant No.: <u>SP-2</u>			Well Registration No.: <u>06502W17 B04F</u>		
Well Owner: <u>Atlantic Pacific Ltd</u>		Address of Well Site: <u>699 San Antonio Road</u>		City or County: <u>San Jose</u>	
Drilling Company: <u>Gregg</u>		Consultant: <u>URS</u>			
Well Depth: <u>18.5</u>	Borehole Diameter: <u>10</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input type="checkbox"/> Pressure Grout <input checked="" type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat:		Long:			
Comments:					

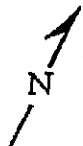
Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

LOCATION MAP



San Antonio Road

Middlefield Road



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-2/V-2

PAGE 1 OF 1

PROJECT NO. 330-19.12

LOGGED BY: RH

DRILLER: BAYLAND

DRILLING METHOD: HSA

SAMPLING METHOD: CONT CORE

CASING TYPE: Sch 40 PVC

SLOT SIZE: 0.020"/0.040"

GRAVEL PACK: 2 X 12 Medium Aquarium Sand CASING STICKUP: NA

CLIENT: ARCO

DATE DRILLED: 8-12-93

LOCATION: 699 San Antonio Road

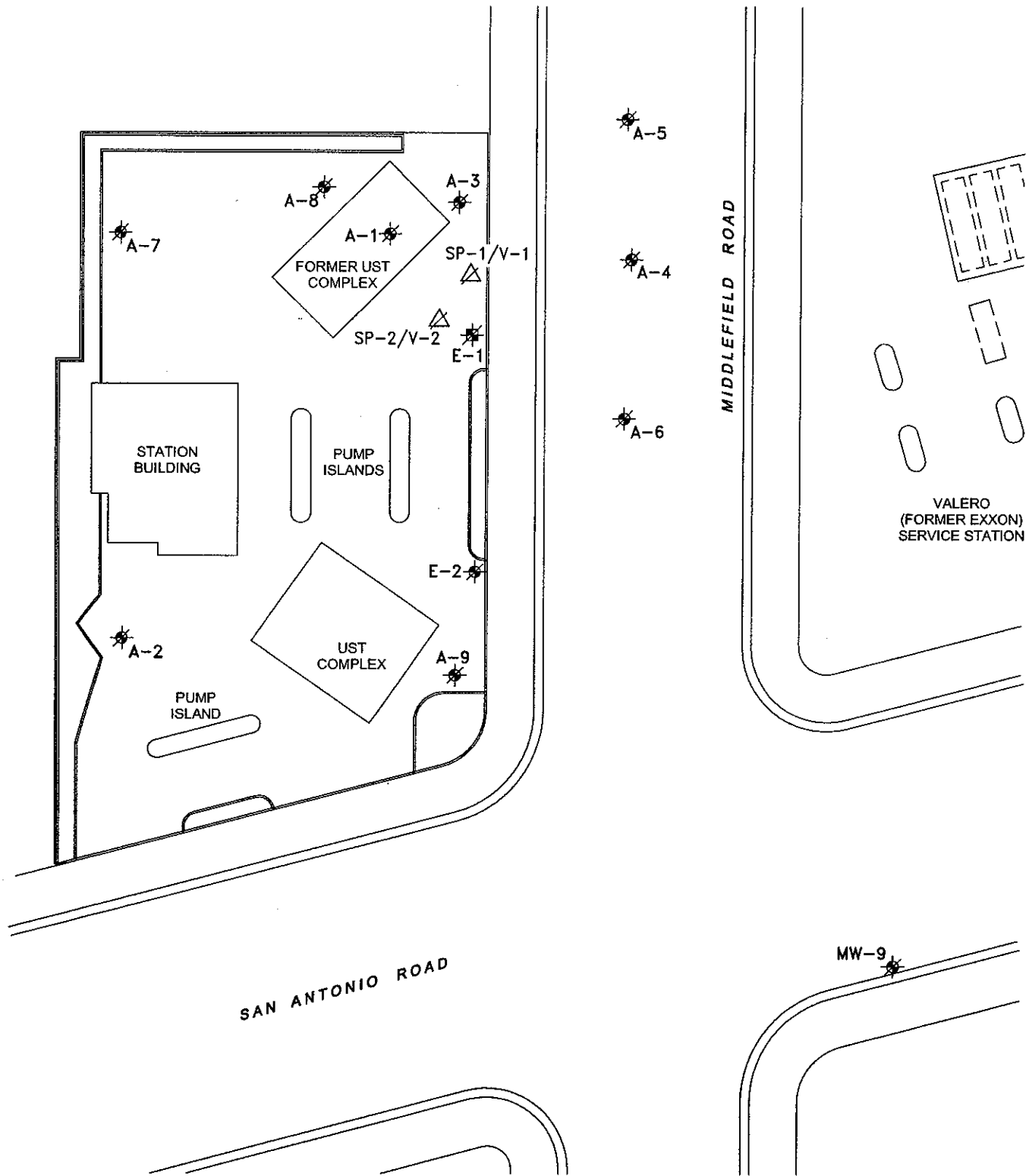
HOLE DIAMETER: 10"

HOLE DEPTH: 18.5'

WELL DIAMETER: 2 1/2"

WELL DEPTH: 17.5'/12'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry Dp	280		1			CL	ASPHALT AND BASEROCK
		155		2				SILTY CLAY: very dark gray; low plasticity; 40% silt; 10% fine to coarse sand; trace caliche; trace wood fragments; fill material; strong product odor.
		150		3				
		285		4				@4': as above; gray with trace grayish green blebs; 20% silt; 5-10% fine to medium sand; trace rootholes; strong product odor.
				5				
				6				
				7				
	Wet			8				
	Sat	2200		9			SC	CLAYEY SAND: dark greenish gray; 15-30% clay; fine to medium sand; <10% coarse sand; strong product odor.
				10				@10-10.5': strong sheen; very strong product odor.
				11				@11': moderate product odor.
		25		12				@12': dark grayish brown; no product odor.
				13				
				14				
		14		15				
				16				
				17			CL	SILTY CLAY: grayish brown; low plasticity; 15% silt; 10% fine sand; no product odor.
		16		18				
				19				
				20				
				21				
				22				
								BOTTOM OF BORING AT 18.5'



LEGEND

- ★ DESTROYED GROUNDWATER MONITORING WELL
- ★ DESTROYED GROUNDWATER EXTRACTION WELL
- △ DUAL COMPLETION AIR SPARGING AND SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION



NORTH



URS

Project No. 38487373
ARCO Service Station 0716
699 San Antonio Road
Palo Alto, California

SITE MAP

FIGURE
1

ORIGINAL
File with DWR

Page 1 of 4

Owner's Well No. V-2

Date Work Began 11-7-05 Ended 11-7-05

Local Permit Agency SCVWD

Permit No. 05D00728 Permit Date 10-6-05

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. e031000

DWR USE ONLY — DO NOT FILL IN

<u>06502W17B049</u>									
STATE WELL NO./STATION NO.									
LATITUDE					LONGITUDE				
APN/TRS/OTHER									

GEOLOGIC LOG

ORIENTATION (✓) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE ☐ (SPECIFY)

DEPTH FROM SURFACE
Ft. to Ft.

DRILLING METHOD ☐ FLUID ☐

DESCRIPTION
Describe material, grain size, color, etc.

See attached boring log.
well nested with SP-2
well casing was drilled -
out from ground surface
to 12 ft. bgs

TOTAL DEPTH OF BORING 18.5 (Feet)

TOTAL DEPTH OF COMPLETED WELL 12 (Feet)

WELL OWNER

Name Atlantic Richfield Co.

Mailing Address P.O. Box 6549

City Moraga State CA ZIP 94570

WELL LOCATION

Address 699 San Antonio Rd

City Palo Alto

County Santa Clara

APN Book 147 Page 08 Parcel 043

Township ☐ Range ☐ Section ☐

Latitude ☐ DEG. MIN. SEC. ☐ NORTH ☐ WEST

Longitude ☐ DEG. MIN. SEC. ☐ NORTH ☐ WEST

LOCATION SKETCH

see attached log

ACTIVITY (✓)

☐ NEW WELL

☐ MODIFICATION/REPAIR

☐ Deepen

☐ Other (Specify)

☒ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (✓)

WATER SUPPLY

☐ Domestic ☐ Public

☐ Irrigation ☐ Industrial

☐ MONITORING

☐ TEST WELL

☐ CATHODIC PROTECTION

☐ HEAT EXCHANGE

☐ DIRECT PUSH

☐ INJECTION

☐ VAPOR EXTRACTION

☐ SPARGING

☐ REMEDIATION

☐ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ☐ (Ft.) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL ☐ (Ft.) & DATE MEASURED ☐

ESTIMATED YIELD ☐ (GPM) & TEST TYPE ☐

TEST LENGTH ☐ (Hrs.) TOTAL DRAWDOWN ☐ (Ft.)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING (S)					DEPTH FROM SURFACE	ANNULAR MATERIAL				
				TYPE (✓)				MATERIAL / GRADE		INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE	
Ft.	to	Ft.	BLANK	SCREEN	CON- DUCTOR	FILL PIPE								
0	6	10	X				PVC	2	40	—				
6	12	12		X			V	↓	↓	.04				log

DEPTH FROM SURFACE			ANNULAR MATERIAL			
			TYPE			
Ft.	to	Ft.	CE- MENT (✓)	BEN- TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
See attached						log

ATTACHMENTS (✓)

☒ Geologic Log

☒ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analyses

☒ Other map

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Gregg Drilling and Testing

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 950 Howe Rd. Martinez, CA CITY Martinez STATE CA ZIP 94553

Signed John R. Li for Gregg DATE SIGNED 12/16/05 C-57 LICENSE NUMBER 485165

WELL DRILLER/AUTHORIZED REPRESENTATIVE

Santa Clara Valley Water District



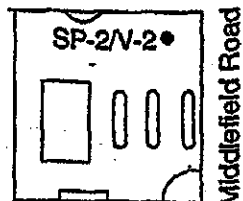
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>Hanness</u>		Date of Inspection: <u>11-7-05</u>		Permit: <u>05000728</u>	
Owner/Consultant No.: <u>V-2</u>			Well Registration No.: <u>065021017B049</u>		
Well Owner: <u>Monte Richfield</u>		Address of Well Site: <u>699 San Antonio Road</u>		City/County: <u>San Jose</u>	
Drilling Company: <u>W-22</u>		Consultant: <u>URS</u>			
Well Depth: <u>18.5</u>	Borehole Diameter: <u>10"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
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		<input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)			
Destruction Method: <input type="checkbox"/> Pressure Grout <input checked="" type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat.		Long			
Comments:					

Distribution: ORIGINAL Permit File: YELLOW City/County: PINK Well File: GOLDENROD Permittee

LOCATION MAP



San Antonio Road

Middlefield Road

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. SP-2/V-2

PAGE 1 OF 1

PROJECT NO. 330-19.12

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CLIENT: ARCO

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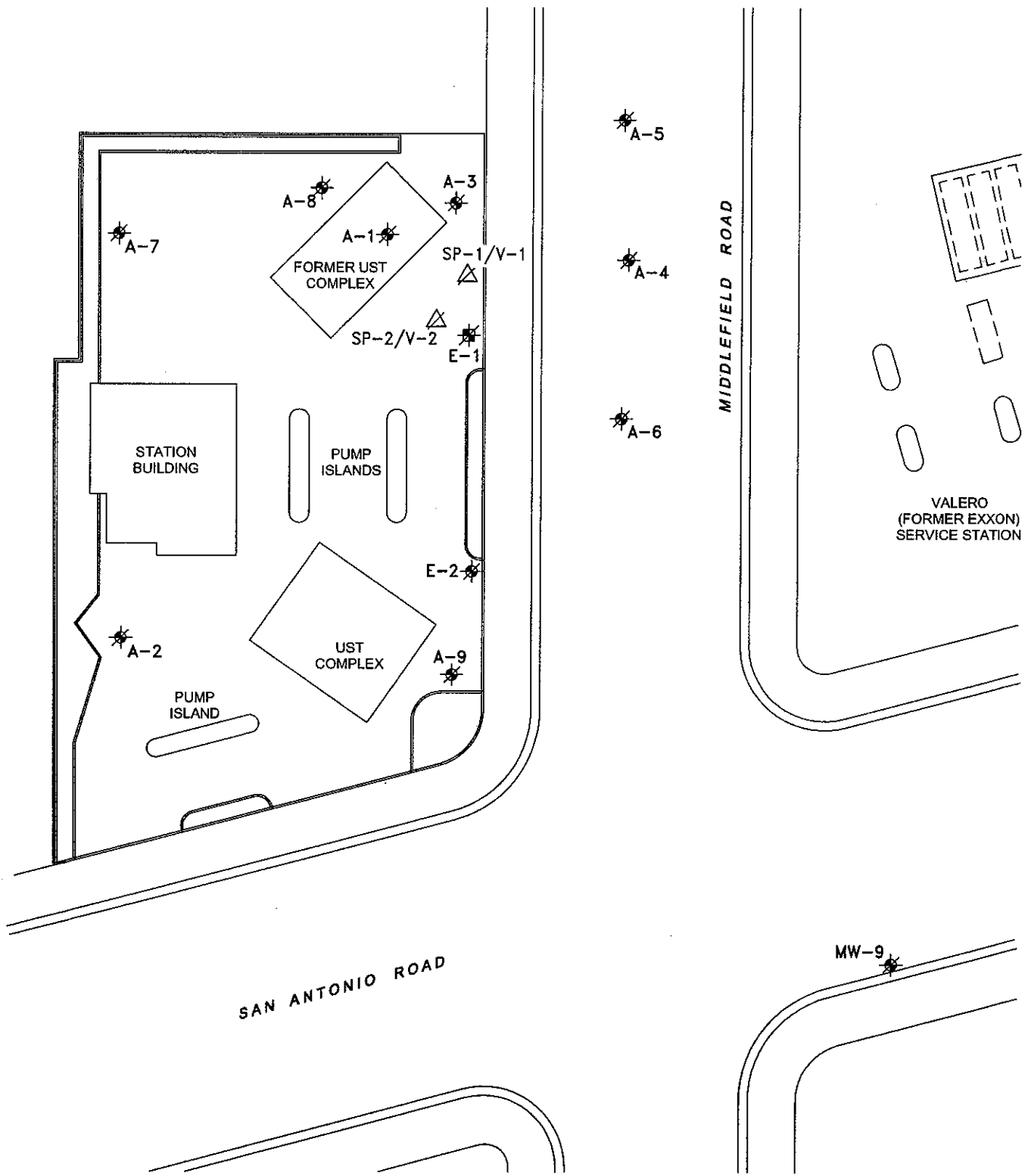
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BOTTOM OF BORING AT 18.5'



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SITE MAP

FIGURE
1